au

Samsung
GALAXY S 5 SCL23

Basic Manual

Preface

Thank you for purchasing the GALAXY S5 (referred to as the "product" in this manual). Before using the product, be sure to read the Setting Guide and Basic Manual (this PDF manual) to ensure correct usage.

Instruction Manuals

■ "Setting Guide"/"Basic Manual" (This PDF Manual)

Handles only basic operations of major functions of the product.
For detailed descriptions on various functions, refer to the Full Instruction Manual (Japanese) available on the au homepage or "Instruction Manual" application on your product.
http://www.au.kddi.com/support/mobile/guide/manual/

- Company names and product names referred to in this manual are trademarks or registered trademarks of respective companies. The TM and ® marks may be omitted in this manual.

■ Instruction Manual application

You can use "取扱説明書 (Instruction Manual)" application on the your product to check the detailed operation of this product. (In Japanese)
In the Application screen, [取扱説明書 (Instruction Manual)]

- When using the application for the first time, you must download and install it following the on-screen instructions.

Safety Precautions

Before you start using the product, be sure to read the "Safety Precautions" to ensure correct use.
Before you assume that the product is malfunctioning, check for possible remedies in the following au Customer Support site of au homepage:
http://www.au.kddi.com/support/mobile/trouble/repair

Before Using the Product

- Communication is not possible even inside the service area in places where the signal does not reach (e.g. tunnels and basements). Also, communication is sometimes not possible in poor reception areas. Communication is sometimes interrupted if you move into a poor reception areas during communications.
- Since this product uses radio waves, the possibility of communication intercepts by third parties cannot be eliminated. (Though LTE/CDMA/GSM/UMTS system has highly secure confidential communication features.)
- This product is compatible with the international roaming service. Each network service described in this manual varies depending on the area and service content.
- Since this product is a radio station under the Radio Law, you may be asked to temporarily submit the product for inspection in accordance with the Radio Law.
- The IMEI information of your cell phone is automatically sent to KDDI CORPORATION for maintenance and monitoring operational status of your cell phone.
- Take care not to inconvenience people around you when you use the product in a public place.

- To use it overseas, check the condition such as regulations of the country/region.
- When the product is used by a child, parents or guardians should thoroughly read the "Basic Manual" (this manual) and teach the child how to use it.

Use of the product is not allowed in the following places!

- Do not use a cell phone while driving a car or riding a motorbike or bicycle. It may cause a traffic accident. Use of a cell phone while driving a car or motorbike is prohibited by law. Use of a cell phone while riding a bicycle may be punishable by some regulations.
- Do not use this product while you are aboard an airplane. Use of electric devices transmitting radio waves in airplane is prohibited by law. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.

Pay attention to the place of use and volume of your voice!

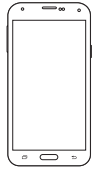
- To prevent ringtone from bothering other people, not only refrain from making a call but also power off or use Silent mode at a movie theater, theater, museum, library, etc.
- In a city area, use in a place where you do not bother people walking.
- It is extremely dangerous to walk while looking at the screen of the cell phone Do not make calls or operate a cell phone while walking or by stopping suddenly.
- Move to a place where you do not disturb others while you are in shinkansen, a hotel lobby, etc.
- Be careful not to be loud while talking.
- Ask permission if you take photos with your cell phone camera.

Consider people around you!

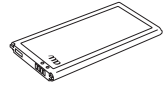
- There may be a person with a cardiac pacemaker nearby at a place filled with people such as in a crowded train. Set "Airplane mode" or turn off beforehand.
- When a medical institution has laid down designated areas where use of the product is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution.

List of Packaged Items

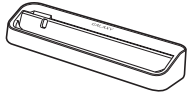
Before you start using the product, make sure that you have all the following packaged with the product.



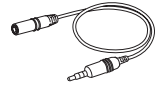
Phone (including back cover)



Battery pack (SCL23UAA)



Desktop Holder (SCL23PUA) (with S View cover adjusting attachment)



Samsung 1Seg antenna 01 (01SCHSA)

- Stereo Headset with Microphone (sample)
- microUSB connection cable (sample)
- Warranty (Main unit, desktop holder) (Japanese)
- 取扱説明書 (Instruction Manual) (Japanese)
- 設定ガイド (Setting Guide) (Japanese)

The following items are not included in the package.

- microSD memory card
- AC adapter

- Please purchase a specified charger (sold separately).
- Illustrations used in this manual are just images for explanations. They may be different from actual ones.

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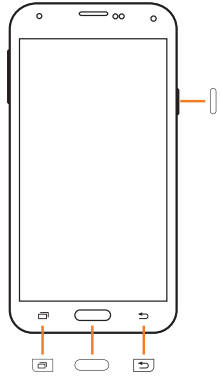
Illustrations and descriptions in this Manual

Note on key illustrations

In this manual, the key illustrations are simplified as shown below.



Description of operations for selecting item/icon/key, etc.

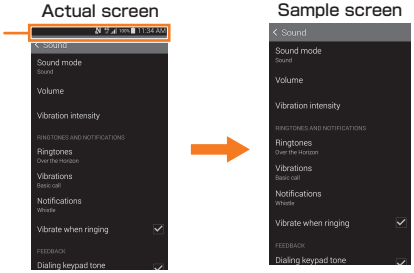
In this manual, operation steps are described as follows. Tapping is lightly touching a key or icon displayed on the screen with your finger.

Description	Explanation
On the home screen, [Apps]→ [Settings] → [Date and time]	Tap [Apps] on the home screen, tap "Settings" from the displayed Apps list, then tap "Date and time".

Note on Screenshots

The illustrations and screenshots used in this manual are simplified and may look different from the actual screens.

Icons at the top of the screen are omitted.



memo

◎In this manual, "microSD™ memory card", "microSDHC™ memory card" and "microSDXC™ memory card" are abbreviated as "microSD memory card" or "microSD".
◎All of the indicated amounts exclude tax unless otherwise specified.

Exemptions

- The Company is not liable for any damages arising from earthquakes, lightning, storms, floods or other natural disasters, as well as fires, actions by third parties, other accidents, intentional or mistaken misoperation by the customer, or use under other unusual conditions outside the responsibility of the Company.
- The Company is not liable for any incidental damages (change/disappearance of saved content, loss of business

income, disruption of business, etc.) arising from use of or inability to use the product.

- The Company is not liable for any damages arising from failure to observe the described content of Basic Manual (this manual).
- The Company is not liable for any damages arising, for example, from malfunction caused by combination with connected devices or software not related to the Company.
- Captured image data or downloaded data may sometimes be altered or lost due to faults, repair or other handling of the product. The Company is not liable for any damage or lost income resulting from recovery of these data.
- It is recommended you keep a copy of important data on your PC's hard disk, etc. Whatever the cause of the defect or malfunction may be, the Company assumes no responsibility for alteration or loss of saved data.

* "The Company" as appears in this manual refers to the following companies:
Sold by: KDDI CORPORATION, OKINAWA CELLULAR TELEPHONE COMPANY
Imported by: SAMSUNG ELECTRONICS JAPAN Co., Ltd.
Manufactured by: Samsung Electronics Co., Ltd.

memo

◎Reproduction of the content of this manual in part or in whole is prohibited.
◎The content of this manual is subject to change without notice.
◎Every effort has been made in the preparation of this manual. Should you notice any unclear points, omissions, etc., feel free to contact us.

Safety Precautions (Observe Strictly)

■ **Before using this product, thoroughly read these safety precautions for proper use. After reading, store the precautions in a safe place.**

These "Safety Precautions" describe instructions that should be observed to prevent damage to property or injury to the customer or others using the product. These instructions are divided into the following categories.

■ **Explanation of indications used in this manual**

⚠ Danger	This symbol indicates the potential and imminent danger of death or serious injury (*1) to a person.
⚠ Warning	This symbol indicates the possibility of death or serious injury (*1) to a person.
⚠ Caution	This symbol indicates the possibility of personal minor injury (*2) to a person or physical damage (*3).

*1 Serious injury: This refers to loss of sight, injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or longterm hospital attendance as an outpatient.
*2 Minor injury: This refers to injuries, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.
*3 Physical damage: This refers to extended damage to buildings, furniture, livestock, or pets.

■ Explanation of graphic symbols used in this manual

	Indicates an action that is not allowed.		Indicates that use in a place where the product is likely to get wet or allowing the product to get wet is not allowed.
	Indicates that handling with wet hands is not allowed.		Indicates an action that must be done.
	Indicates that disassembly is not allowed.		Indicates that the power plug must be disconnected from the power outlet.

■ Precautions common to the product main unit, battery pack, charging equipment, au Micro IC Card (LTE), peripheral devices

Danger **Be sure to read the following hazards before use.**

Be sure to use only the specified peripheral devices. Use of other peripheral devices might cause overheating, ignition, rupture, fault, or leakage of liquid.

Do not use, store or leave the product in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so might cause ignition, rupture, fault, fire or injury.

Before entering an area where flammable gas is generated such as a gas station, be sure to turn off the product. Do not charge the battery. Failure to observe these precautions might cause the gas to catch fire. In addition, when using Osaifu-Keitai® at a gas station, be sure to turn off the power in advance. (If NFC/Osaifu-Keitai lock has been set, cancel the lock before turning off the power.)

Do not put the product in a cooking apparatus such as microwave oven or a pressure vessel. Doing so might cause ignition, rupture, fault, fire or injury.

Do not throw the product into a fire or heat it. Doing so might cause ignition, rupture or fire.

Do not short-circuit the connection terminals. Do not allow conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the connection terminals. Doing so might cause fire, burns, a fault due to heat generation.

When using a metal accessories, etc., take sure not to allow the metal part come in contact with the connection terminals or power outlet. Doing so might cause electric shock, ignition, injury or a fault.

Do not expose the camera lens to direct sunlight for an extended period. Doing so might cause ignition, rupture or fire by the light-collecting mechanism of the lens.

The customer is not allowed to disassemble, modify or repair the product. Doing so might cause a fault, ignition, electric shock, or injury. The Company is not liable even in the event of any nonconformities arising on the product or peripheral devices as a result of modification, etc. Modification of cell phones is in violation of the Wireless Telegraphy Act.

Warning **Be sure to read the following warnings before use.**

Do not drop or subject to strong impact, such as throwing. Doing so might cause rupture, overheating, ignition, leakage or a fault.

Do not use outside when you can hear thunder. Doing so might risk lightning strikes and electric shock.

Do not let your hands, fingers and other parts of the body touch the connection terminals. Doing so might cause electric shock, injury or a fault.

If the product is damaged because it is dropped or something, and its display is cracked or internal parts are exposed, do not touch the cracked display or exposed parts with your hands. Doing so might cause electric shock or injury from damaged parts. Contact an au shop or Keitai Guarantee Service Center.

If the wet product is charged, electric shock, short circuit, or corrosion may occur and overheating may cause fire, malfunction or burns.

Although this product model has the waterproof property, stop use if liquid such as water gets inside the main unit from the microUSB connection terminal cover, the headset connection terminal, the speaker, etc. Continued use of the product in this state might cause overheating, fire or a fault.

When removing the back cover, do not exert more than necessary force. The battery pack might jump out, for example, and cause injury or a fault.

Do not operate the product while driving an automobile or motorized bicycle, riding a bicycle or walking. Doing so may compromise traffic safety and cause an accident.

If charging is not completed after the specified charging time, stop charging. Failure to do so might cause leakage, overheating, rupture or ignition.

Do not leave in places within the reach of small children. Small children might swallow small parts, etc. by mistake and choke on them, or might drop them by mistake and cause accidents or injury.

⚠ Caution Be sure to read the following cautions before use.

Do not store the product in places subject to direct sunlight (e.g. in automobiles), places that get hot, places that get extremely cold, and in humid or dusty places. Doing so might cause overheating, ignition, deformation or a fault.

Do not leave on unstable places such as rocky stands or tilting surfaces especially while the vibration mode set. Dropping the product may cause injury or damage. Also, pay sufficient attention to impact, etc.

Do not cover or wrap the product with bedding, etc. while using or charging the product. Doing so might cause fire, fault or injury.

Do not touch the main unit or the specified AC adapter (sold separately) for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.

The product may become hot by prolonged use especially in high-temperature environment. Be careful when using the product touching your skin for a long time, as it might cause low-temperature burns.

Do not use power outlets or wiring apparatus beyond its rating. Also, exceeding rating, for example, by connecting multiple devices to a single power strip might cause overheating and fire.

Do not use the product with the back cover removed.

Do not place near corrosive chemicals or in places where corrosive gas is generated. Doing so might cause a fault or loss of internal data.

Do not leave or store with the back cover removed from the main unit. Doing so might allow dust or other foreign objects to get inside and cause a fault.

Do not use if there is smoke, abnormal odor or noise, excessive overheating, or other abnormalities. If an abnormality occurs, disconnect the specified charging equipment (sold separately) from the power outlet or cigarette lighter socket, make sure that the product is not overheating before turning the power off, or removing the battery off and contact an au shop or Keitai Guarantee Service Center. Also, if you have dropped or damaged the product, do not continue to use it in that state, and contact an au shop or Keitai Guarantee Service Center.

When inserting Stereo Headset with Microphone (sample), etc. into the product, adjust the volume to the proper level. Setting too loud a volume or using the earphone continuously for a long period of time might adversely affect your ears. Also, raising the volume too high might prevent you from hearing sounds around you, which might in turn lead to a traffic accident at a railroad crossing or pedestrian crossing.

When adjusting the volume with Stereo Headset with Microphone (sample), etc. inserted into the product, raise the volume a little at a time. If you raise the volume too much from the outset, sudden loud noise from the earphone, etc. might adversely affect your ears.

When using a charging equipment or external device, insert/remove the connector straight to/from the terminal. Make sure the orientation of the connector is correct. Unless it is correct, it may cause damage or a fault.

Main unit

Warning **Be sure to read the following warnings before use.**

Do not use a cell phone while driving a car or riding a motorbike or bicycle. It may cause a traffic accident. Use of a cell phone while driving a car or motorbike is prohibited by law. Use of a cell phone while riding a bicycle may be punishable by some regulations.

Do not use the product while you are aboard an airplane. Use of electric devices transmitting radio waves in airplane is prohibited by law. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.

The product sometimes affects high-precision electronic devices. So, turn it off near such devices. (Examples of electronic devices that might be affected by the product include cardiac pacemakers, hearing aids, other electronic medical devices, fire alarms, and automatic doors. If you are using an electronic medical device, contact the device manufacturer or retailer for information about the possible affect of radio waves.)

When using the product near an implanted pacemaker, implanted cardioverter-defibrillator or other electronic medical device, radio waves might affect these units and devices. So, please observe the following.

1. Those with an implanted pacemaker or implanted cardioverter-defibrillator should carry or use the product at least 15 cm away from the pacemaker or cardioverter-defibrillator.
2. Turn the product off or turn "Airplane mode" on when it may be difficult to keep at least 15 cm away from others such as in a situation you cannot move freely, since there may be people with a cardiac pacemaker or implanted cardioverter-defibrillator nearby.
3. Pay attention to the following points when using the product inside medical institutions.
   - Do not bring the product into operating theaters, intensive-care units (ICU) and coronary care units (CCU).
   - Turn the product off in hospital wards.
   - Even if you are in a lobby, etc., be sure to turn the product off when there are electronic medical devices nearby.
   - When a medical institution has laid down designated areas where use of the product is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution.
4. When using electronic medical devices other than an implanted pacemaker and implanted cardioverter-defibrillator outside a medical institution (e.g. home medical treatment), check individually with the manufacturer of the electronic medical device regarding the influence of radio waves.

Stay alert to your surroundings when calling, messaging, browsing the Internet, shooting photos, playing games, watching TV (1Seg) or listening to music. Failure to do so might cause a fall or traffic accident.

Do not light the light in front of a person's eyes. Do not gaze at the light emitting part when the light is lighted. Doing so might cause impairment of eyesight, etc. Be especially careful not to shoot small children from a very close distance.

Do not light the light toward a driver of a car, motorbike or bicycle. If dazzled by the light, the driver might become unable to drive and cause an accident.

Sometimes, very rarely some people demonstrate symptoms such as temporary muscle spasms, loss of consciousness, etc. by watching repeatedly flickering screens. Those with a past history of this should consult with a physician beforehand.

Caution **Be sure to read the following cautions before use.**

Use of the main unit in an automobile might sometimes affect on-vehicle electronic devices, though this rarely happens. If this happens, stop use since this may impair safe travel.

If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. The materials of parts used on the product are as follows.

Part	Material	Surface treatment
Exterior case	PC	Nonconductive vapor deposition
Exterior case (side frame)	PC	Nonconductive vapor deposition
Speaker	SUS	Polish/glossy finish
Camera lens, light/ sensor panel surrounding area	Aluminum	Anodic oxidation treatment
Camera lens, light/ sensor panel transparent cover area	Glass	AF coating
microSD memory card/au Micro IC Card (LTE) slot	SUS304	Fingerprint/scratch preventive rolling treatment
microUSB connection terminal cover	PC	Nonconductive vapor deposition
Side key (power/ screen lock key/ volume key)	Aluminum	Anodic oxidation treatment
Home key/Fingerprint sensor (surrounding area)	Aluminum	Anodic oxidation treatment
Home key/Fingerprint sensor (center area)	Epoxy mold compound	UV coating
Charging terminal (for Desktop Holder)	Zinc die cast	Gold plating
Remote control light emitting part	PC	—
Display (touch panel)	Tempered glass	AF coating
Headphone connection terminal (surrounding area)	SUS	Electrodeposition coating
Back cover	Glass fiber reinforcement PC (10%)	SF coating
Back cover waterproof seal area	Silicone	—
Back cover protect seal area	Copper, graphite	PET

Do not bring the product close to magnetized objects such as cash cards, floppy disks, credit cards, and prepaid cards. Doing so might result in loss of recorded information.

Do not allow liquids, metal objects, burnable items, and other foreign matter to get inside au Micro IC Card (LTE) slot and the microSD memory card slot. Failure to do so might cause fire, electric shock, injury or a fault.

Do not swing the product around by holding Samsung 1Seg antenna 01, the Stereo Headset with Microphone (sample), etc. Doing so might cause an accident or damage.

If you have a weak heart, be careful when setting the incoming vibration and ringtone volume to prevent adverse effects on your heart.

Pay attention to items becoming stuck to the main unit. The speaker uses magnets, and so thumbtacks and pins, craft knife blades, staples, and other metal objects sometimes become stuck to the main unit, and cause unexpected injury. Before using the product, be sure to check that there are no foreign objects on the speaker or other parts.

Do not put the product directly on sand at a beach, etc. Sand or other small particles might get inside the earpiece, microphone (upper/lower) or speaker, causing the volume to drop. If sand gets inside the product's main unit, it might cause overheating or a fault.

When using the product for calling or data communication, be careful not to keep the product in direct contact with your skin for a prolonged period, or not to cover the product with paper, cloth, bedding, etc. The main unit might get hot, causing fire, injury or a fault.

Battery pack

Li-ion00

(The battery pack of the product is a lithium-ion battery.)
The battery pack is not fully charged at the time of purchase. Charge the battery before using the product.

Danger **Be sure to read the following hazards before use.**

Do not short-circuit the positive (+) and negative (-) terminals of the battery pack.

Connect the battery pack to the product in the correct orientation. Connecting in an incorrect orientation might cause rupture, fire or overheating. Do not try to forcibly connect the battery pack, instead thoroughly check the connection terminals carefully before connection.

Do not puncture the battery pack with a nail, hit it with a hammer or step on it. Doing so might cause ignition or damage.

Do not allow metal objects (such as necklaces and hairpins) to come in contact with the connection terminals when carrying or storing the battery pack. Doing so might cause a fire, overheating, liquid leakage, or a fault due to a short circuit.

Do not disassemble, modify or directly solder the battery pack. Doing so might cause spilling of the battery liquid resulting in an accident such as loss of eyesight if it gets into the eyes, or cause overheating, fire, rupture or injury.

Do not use a battery pack that has been dropped, stepped on, damaged, or leaking battery liquid. Doing so might cause overheating, ignition, liquid leakage, rupture, fault or injury. Immediately move the battery pack away from fire if you notice leakage of liquid or unusual odor. Failure to do so might cause the leaked liquid to catch fire resulting in ignition or rupture.

Do not wet the battery pack with water, seawater, pet urine, etc. A wet battery pack might cause overheating, rupture, ignition, fault or injury. If you drop the product into the water by mistake, immediately turn off the power, remove the battery pack, and contact an au shop or Keitai Guarantee Service Center. Never charge the wet battery pack.

If the leaked liquid gets on your skin or clothes, immediately rinse it off with water to avoid injury. If the liquid gets into your eyes, do not rub but after wash your eyes with water, and immediately consult a doctor to avoid the risk of losing your eyesight. If the liquid gets on a device, wipe it off without touching it.

The battery pack is a consumable item. If the performance of a battery pack does not recover (e.g. the usable time after each charge has become extremely short), the battery pack is at the end of service life, so stop use and buy a new one of the specified type. Failure to do so might cause overheating, ignition, rupture or leakage. Note that the length of service life varies depending on the usage condition, etc.

Be careful not to have the battery pack bitten by your pet. It might cause liquid leakage, overheating, rupture, ignition of the battery pack, fire or injury.

■ Charging equipment

Warning **Be sure to read the following warnings before use.**

Do not use at other voltages than the specified power supply voltage. Doing so might cause ignition, fire, overheating, electric shock or injury.
- Desktop Holder (SCL23PUA): 5.0 VDC
- AC adapter (sold separately): 100 VAC to 240 VAC
- DC adapter (sold separately): 12/24 VDC (for negative grounded vehicles only)

* Use the specified charging equipment (sold separately).

Firmly insert the power plug of the specified charging equipment (sold separately) into the power outlet or cigarette lighter socket down to the base of its pins. Incomplete insertion of the power plug might result in electric shock, fire or injury caused by overheating and ignition. Do not use damaged specified charging equipment (sold separately) or loosen power outlets or cigarette lighter socket.

If the fuse in the common DC adapter 03 (sold separately) blows, replace it with a fuse of the specified type (250 V, 1 A). Replacing with a different type of fuse might cause overheating or ignition. (For information about fuse replacement, carefully read the manual for the common DC adapter 03 (sold separately).)

Do not damage, modify, twist, pull or place a heavy object on the power cord of the specified charging equipment (sold separately). Do not use a damaged cord. Doing so might cause an electric shock, short circuit, fire or injury.

Do not let your hands, fingers and other parts of the body touch the connection terminals. Doing so might cause electric shock, injury or a fault.

If you hear thunder, do not touch the power plug. Doing so might cause an electric shock as a result of a lightning strike.

Before cleaning the specified charging equipment (sold separately), unplug its power plug from the power outlet or cigarette lighter socket. If the plug remains plugged in when you clean the equipment, it might cause an electric shock or short circuit.

Wipe off dust on the power plug. Failure to do so might cause fire, burn, or electric shock.

Install and position in-car devices where they do not hinder driving or safety equipment such as airbags. Failure to do so might cause a traffic accident. Install in-car devices following the instructions of their manuals.

When the specified charging equipment (sold separately) is not to be used for a long time, disconnect the power plug of the specified charging equipment (sold separately) from the power outlet or cigarette lighter socket. Failure to do so might cause fire or a fault.

Specified Charging equipment (sold separately) is not waterproof. Do not use in places subject to direct splashing with water or pet urine, etc. or in humid places such as bath areas. Doing so might result in faults and injury resulting from overheating, fire, electric shock, or short-circuiting of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the power plug.

Caution **Be sure to read the following cautions before use.**

Do not leave the Desktop Holder (SCL23PUA) on the floor. Doing so might cause injury or accident if they accidentally step on the holder or fall.

Do not use in humid places such as bath areas, or connect/disconnect the specified charging equipment (sold separately) with wet hands. Doing so might cause electric shock, injury or a fault.

Charge the battery in a stable place especially while the vibration mode set. If placed on an inclined surface or wobbly stand, the product might fall causing injury or damage. In addition, do not cover or wrap the product with a cloth or bedding. Doing so might cause fire, injury or a fault.

When unplugging the power plug of the specified charging equipment (sold separately) from the power outlet or cigarette lighter socket, hold and pull the power plug. If you pull the cord, the cord might be damaged.

Do not use the Desktop Holder (SCL23PUA) in a car. Doing so might disturb driving and cause an accident. It is presumed that the Desktop Holder (SCL23PUA) will be used in the room and stable place.

If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. The materials of parts used on the Desktop Holder (SCL23PUA) are as follows.

Part	Material	Surface treatment
Exterior case	PC	–
Contact terminal	Copper	Nickel and gold plating
Label	PET/polyester film	–
Bottom rubber	Urethane rubber	–
Attachment (main unit)	PC	UV coating
Attachment (magnet)	Neodymium N35H	–

Do not use the common DC adapter 03 (sold separately) with the car engine stopped. Doing so might result in draining of the car battery.

Do not leave the specified charging equipment (sold separately) connected to the main unit with the battery pack removed. Doing so might cause fire, injury or electric shock.

au Micro IC Card (LTE)

Warning **Be sure to read the following warnings before use.**

Do not put the au Micro IC Card (LTE) in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause melting, overheating, fuming, loss of data or a fault.

Caution **Be sure to read the following cautions before use.**

Watch your hand or finger when attaching/removing the au Micro IC Card (LTE). May injure your hands or fingers.

Use only the devices specified by the Company to insert the au Micro IC Card (LTE) in. Using a device not specified by the Company might cause loss of data or a fault. For the specified devices, contact an au shop or Customer Service Center.

Do not disassemble or modify the au Micro IC Card (LTE). Doing so might cause loss of data or a fault.

Do not use or leave the au Micro IC Card (LTE) in hot places such as by the fire or a heater. Doing so might cause melting, overheating, fuming, loss of data or a fault.

Do not throw the au Micro IC Card (LTE) into a fire or heat it. Doing so might cause melting, overheating, fuming, loss of data or a fault.

Do not touch the IC (metal) part of the au Micro IC Card (LTE) or short-circuit it. Doing so might cause loss of data or a fault.

Do not drop the au Micro IC Card (LTE) or subject it to strong impact. Doing so may cause a fault.

Do not fold, bend or place a heavy object on the au Micro IC Card (LTE). Doing so may cause a fault.

Do not wet the au Micro IC Card (LTE). Doing so may cause a fault.

Do not scratch the IC (metal) part of the au Micro IC Card (LTE). Doing so may cause a fault.

Do not store the au Micro IC Card (LTE) in dusty places. Doing so may cause a fault.

Do not store the au Micro IC Card (LTE) in places exposed to direct sunlight or hot and humid places. Doing so might cause a fault.

Store the au Micro IC Card (LTE) out of reach of small children. Failure to do so might cause injury or asphyxiation, etc. if they accidentally swallow and choke on it.

Samsung 1Seg antenna 01

Warning **Be sure to read the following warnings before use.**

Samsung 1Seg antenna 01 is not waterproof. Do not use in places subject to direct splashing with water, pet urine or other liquids. Doing so might result in faults resulting from overheating, fire, electric shock, injury or short-circuiting of electronic circuits.

Caution **Be sure to read the following cautions before use.**

When the product is used by a child, parents or guardians should teach the child how to use it. Do not allow them to use the equipment without adult supervision. Failure to do so might cause injury.

If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. The materials of parts used on the Samsung 1Seg antenna 01 are as follows.

Part	Material	Surface treatment
Connection plug (top)	C3604BD, C2680	Gold flash plating
Connection plug (outer cover)	Olefin elastomer resin	Surface texturing
Cable	Styrenic elastomer resin	–

Stereo Headset with Microphone (sample)

Warning **Be sure to read the following warnings before use.**

Do not use the product for playing game or music while driving a car or motorbike, riding a bicycle or walking. Doing so may compromise traffic safety and cause an accident.

Caution **Be sure to read the following warnings before use.**

When playing game or music, adjust the volume to the proper level. Setting too loud volume or using the earphone continuously for a long period of time might cause hearing loss. Even if the proper volume is applied, using for a long time may cause hearing loss. Also, raising the volume too high might prevent you from hearing sounds around you, which might in turn lead to a traffic accident at a railroad crossing or pedestrian crossing.

Do not wrap the cord around the product. It may lower its sensitivity and the sound may cut off or noise may be generated. Do not pull the code to unplug. Do not hang the phone with the code, either. It may damage the code, connector plug and the headset connection terminal of the product.

Be aware not to gather dust on the connector terminal. Doing so may cause a fault.

Attach or remove the connector horizontally to or from the headset connection terminal of the product.

When adjusting the volume, raise the volume a little at a time. If you raise the volume too much from the outset, sudden loud noise from the earphone, etc. might adversely affect your ears.

If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. The materials of parts used on the Stereo Headset with Microphone (sample) are as follows.

Part	Material	Surface treatment
Earphone outer cover	PC	UV coating
Cable	NON PVC	–
Switch/microphone outer cover	PC	UV coating
Switch	PC	Corrosion treatment
Earpiece	Silicone	–
Plug (metal)	Brass	Nickel and gold plating
Plug (resin)	POM	–
Plug outer cover, cable branch	NON PVC	–

microUSB connection cable (sample)

Caution **Be sure to read the following warnings before use.**

If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. The materials of parts used on microUSB connection cable (sample) are as follows.

Part	Material	Surface treatment
USB connector part	SPCC	–
microUSB connector part	HTN, STS304	Nickel plating
Connector case	PC	UV coating
Cable	TPE (Non pvc)	–

Handling precautions

These precautions are provided to ensure that performance can be fully demonstrated. Thoroughly read these precautions to ensure correct use.

■ Precautions common to the main unit, battery pack, charging equipment, au Micro IC Card (LTE), peripheral devices

- Do not apply excessive force to the product during use. Be sure not to put the product into a tightly packed bag or place a heavy object on the product in a bag. Sitting on the product in your pocket might damage the display or internal circuit board resulting in a malfunction. Keeping an external device connected to the microUSB connection terminal or headset connection terminal might damage the connector resulting in a malfunction. Such damage and malfunction are not covered by the warranty, even if there is no external damage.
- To ensure waterproof property (equivalent to IPX5 and IPX7) of this product, use the product with the back cover and the microUSB connection terminal cover tightly closed.
  Note that the waterproof property is not guaranteed in every usage condition. Do not allow water to get inside the product or splash water on battery pack, charging equipment or optional accessories. Do not attach/remove the back cover, or open/close the microUSB connection terminal cover in the rain or with waterdrops on the surface of the product. Doing so might cause water intrusion resulting in internal corrosion.
  Malfunctions determined to be caused by water are not covered by the warranty.
- Do not use the product in extremely hot, cold or humid places. (Use within an ambient temperature range of 5℃ to 35℃ and humidity range of 35% to 85%. Store within an ambient temperature range of 0℃ to 45℃.)
- Do not use in places subject to lots of dust or vibration.
- Clean the connection terminals with dry cotton swabs, etc. every now and then. Soiled terminals might cause poor connection.
  Do not exert a strong force to clean the connection terminals to prevent deformation.
- Clean the product with a soft dry cloth (such as the type used for eyeglasses). Forceful rubbing with a dry cloth may scratch the display. The display may be stained if splash or smear is left attached to the surface. Wiping the product using alcohol, thinner, benzine, detergent, etc. might erase the printing on the outer casing or cause discoloration.
- Use as far away as possible from land-line phones, TVs, radios, etc. Use nearby might affect them.
- The product may become warm while charging or during other operations, depending on the situation, but this is not abnormal.
- When the product is used by a child, parents or guardians should thoroughly read this manual or the full "Instruction Manual" (Japanese) and teach the child how to use it.
- Turn off the power before removing the battery pack. If you remove the battery pack with the power on, saved data might be altered or lost.

■ Main unit

- Do not forcefully press, tap or intentionally subject the display to strong impact. Doing so might cause scratching or damage.
- Do not forcefully press your fingernails, sharp objects or hard objects against keys or display surface. Doing so might cause scratching or damage. The touch panel is designed to be lightly touched by fingers. Do not apply strong pressure with your fingers or sharp-pointed objects (such as fingernails, ballpoint pens and pins) on the touch panel.
  In the following cases, the product may not respond to touching the touch panel, or errors in operation may occur.
  - Operation with fingernails
  - Operation with a foreign object placed on the touch panel
  - Operation with a protective sheet or sticker on the touch panel
  - Operation with water drops or dew condensation attached on the display
  - Operation with wet or sweaty fingers
  - Operation under water

- Do not remove the stickers printed with IMEI (International Mobile Equipment Identity) that can be seen when the battery pack is removed. These stickers prove that the product and the communication module you are using comply with the Wireless Telegraphy Act and Telecommunications Operations Act.
- Never use modified au cell phones. Use of a modified device violates the Radio Law. The product has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, and the "Technical Conformity Mark ㊣" can be confirmed with the following operations.
  On the home screen, [Apps] → [Settings] → [About device] → [Regulatory information].
  If the screws of the product are removed and modifications are made to the internal components, the certification of conformity with technical regulations will become invalid. Never use the product without the valid certification. Doing so violates the Radio Law.
- To prevent unlawful modification, the product has been designed so that it cannot be easily disassembled. Modifying the product is prohibited by the Radio Law.
- Contents saved in this product, such as contacts, mails and bookmarks, might be altered or lost in an accident, fault, repair or mishandling. Be sure to keep a copy of important contents. Note that the Company assume no responsibility for any damages or lost profits resulting from altered or lost contents.
- Note that content data (both charged or free content) saved with the product cannot be returned to the customer when the product is replaced for repair of a fault, for example.
- Although the organic EL (OLED) display used on the product is made using high-precision technology, some pixels (dots) might be lit or out at all times. Or color may be changed or unevenness of brightness may be shown if looked at from different angles. Note that that is because of the structure of OLED display, not a fault.
- Although lightning intensity of OLED can be decreased partly when the same image has been displayed for a long time, extreme continuous use is performed with "Brightness" setting of "Display" set to be always bright, it is not abnormal because that is the characteristic of OLED.
- Leaving the OLED exposed to the direct sunlight might cause a fault. Take care when you place the product by the window or outside.
- Brightness of the display may become dropped because of increasing the temperature of the product or decreasing the battery level.
- Take care not to inconvenience people around you when you use the product in a public place.
- You are recommended to store copies of individual data such as photos you took, videos and music on your PC by sending each file as mail attachment, etc. Note, however, that you may not be able to make copies of any copyrighted data even by the above-mentioned means.
- Take care not to place magnetized items such as magnetic cards, speakers and TV sets near the product, as it might cause malfunction. Putting a strong magnetism close to the product might cause false operation.
- When you put the product in your pocket or bag, take care so that the display does not come in contact with metal objects or other hard objects, as it might cause scratching or damage.
- When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes (e.g. near the air discharge port of an air conditioner), water droplets (i.e. condensation) sometimes are formed inside the product. Note that when used under conditions such as this, the humidity might cause corrosion or a fault.
- When wiping the display, wipe with a soft, dry cloth. Use of a moistened cloth, glass cleaner or other similar liquid might cause a fault.
- When connecting/disconnecting an external device to/from the microUSB connection terminal or headset connection terminal, make sure that the connector of the external device is straight with the connector terminal.
- Note that applying unnecessary force with an external device connected to the microUSB connection terminal or headset connection terminal might cause damage.
- Do not discard the product together with regular trash. Please cooperate in the collection of au phone when it is no longer needed

to protect the environment and effectively use resources. Old au phones are collected at au shops and other places.

- Insert only a microSD memory card into the memory card slot on the product.
- Do not exert excessive force when attaching/removing a microSD memory card. Doing so might injure your hands or fingers.
- While writing/reading data to/from a microSD memory card, do not subject the product to vibration or impact, remove the battery pack or turn off the power. Doing so might cause loss of data or a fault.
- When hearing the other party's voice, make sure that the earpiece is placed at the center of your ear. If the earpiece (audio output port) is closed by the ear lobe, it may be hard to hear the voice.
- Even if you cover the microphone (upper/lower) to make your voice inaudible to the other party, the other party can hear your voice.
- When using handsfree call, take care to keep the speaker at a safe distance from your ears, as the speaker volume may be too loud.
- Do not cover the light sensor with your finger or put a sticker on it. Doing so may hinder the light sensor from detecting the ambient brightness and functioning correctly.
- Do not put a sticker, etc. on the proximity sensor. Doing so may cause the sensor to malfunction and make the display always turned off while receiving a call or during a call.
- Do not cover microphones (upper/lower) with your fingers, etc. It may make your voice inaudible to the other party and sound difficult to be recorded or detected.

■ Touch Panel

- Use your finger to operate the touch panel. Do not use ballpoint pens, pencils or other sharp-pointed objects. Using such objects does not only hinder correct operation of the touch panel, but also might cause scratching or damage to the display.
- Do not put stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on the display. Doing so might hinder correct operation of the touch panel.
- Do not operate the touch panel with fingernails. Doing so might result in split nails or jammed fingers.
- If the display surface is dirty or wet with sweat or water, it may not function correctly. In such case, wipe the display surface with a dry, soft cloth.
- When carrying the product in your pocket or bag, take care not to put the touch panel close to metals or other conductive materials, as it might cause false operation of the touch panel.

■ Battery pack

- Use in very hot or cold environments, for example, when left in an automobile with the windows closed in summer, will cause the battery capacity to drop and shorten the available battery usage time. This will also shorten the battery pack's service life. Try to use the battery pack as far as possible at room temperature.
- When the battery pack is not to be used for a long time, remove the battery pack from the main unit, and store it away from hot and humid places.
- Charge the battery before using the product for the first time after purchase, or if you have not used the product for a long time.
- The battery pack is a consumable item. If the performance of a battery pack does not recover after charge, the battery pack is at the end of service life, so buy a new one of the specified type. Note that the length of service life varies depending on the usage condition, etc.

- Do not discard battery packs together with regular trash. Please cooperate in the collection of used battery packs to protect the environment and effectively use resources. au shops and other retailers collect used battery packs.
- Battery packs sometimes swell up as they approach the end of their service life. This is due to the properties of lithium-ion batteries, and is not a problem in terms of safety.
- FeliCa antenna and NFC antenna are embedded in the battery pack. Handle it properly.

■ Charging equipment

- When not using the specified charging equipment (sold separately), remove the plug from the power outlet or cigarette lighter socket.
- Do not wrap the cord of the specified charging equipment (sold separately) around the equipment itself or the Desktop Holder (SCL23PUA). Doing so might cause electric shock, fault, injury, overheating or fire.
- Do not forcibly bend the plug of the charging equipment's plug or the connection between the connector and power cord. Doing so might cause electric shock, overheating, fire, fault or injury.
- The attachment of the Desktop Holder (SCL23PUA) uses a magnet. Make sure that iron sand or a foreign metal object (a clip etc.) is not stuck, then attach the product. If a foreign object is stuck, remove it with a soft cloth before use.
- Do not bring magnetized objects such as a cash card or commuter ticket close to the attachment of Desktop Holder (SCL23PUA). The magnet of the attachment may affect magnetized cards making them unusable.
- When using a protective film for LCD, use a protective film about 0.3 mm or less in thickness. The product may not be attached to Desktop Holder (SCL23PUA) because the film hinders the contact.
- Do not apply force to attach or remove the attachment. Notice that applying excessive force may cause malfunction or damage.
- Note that removing the attachment forcefully hurt your fingers or nails.

■ au Micro IC Card (LTE)

- The au Micro IC Card (LTE) is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When a malfunction is suspected, or in case of theft or loss, contact an au shop or PiPit.
- Do not forcibly remove or insert the au Micro IC Card (LTE). Be careful not to exert excessive force when inserting the card into your au cell phone.
- You are responsible for any damage caused by inserting your au Micro IC Card (LTE) into some other IC card reader/writer, etc.
- Keep the IC (metal) part of your au Micro IC Card (LTE) clean. Wipe the card with a soft dry cloth (such as the type used for eyeglasses) for cleaning.
- Do not put stickers, etc. on the au Micro IC Card (LTE).
- Do not insert an au Nano IC Card (LTE) to which a conversion adapter is attached. Doing so may cause a fault.

■ Camera

- When using the camera, follow common rules of etiquette regarding camera use.
- Image data might be altered or lost due to malfunction, repair or mishandling of this product. The Company takes no responsibility for recovery of altered or lost data, damages resulting from altered or lost data, and lost profits.
- When photographing important occasions (such as a wedding), take a trial shot and check the shot image to make sure it is correctly shot.
- Do not use the camera for recording commercially available books or information of which photographing is not allowed.
- Do not leave the camera lens exposed to direct sunlight. Imaging elements might be discolored or burnt.

■ Music, videos and TV (1Seg)

- Do not listen to music or watch videos or TV (1Seg) while driving a car or motorbike, or riding a bicycle. Use of cell phones while driving a car or motorbike is prohibited by law. (Use of cell phones while

riding a bicycle may also be punishable by law.) In addition, stay alert to the traffic around you even when walking. Surrounding sounds may not be heard clearly, and gazing at the screen might distract your attention causing a traffic accident. Be especially careful at railroad crossings, station platform and pedestrian crossings.

- Take care not to listen at ear-splitting volume for a long time, as it might affect hearing.
- Be careful of sound leakage from Stereo Headset with Microphone (sample) in trains or other places with many people around you.

■ Copyrights and rights of portrait

- You are not allowed to copy, distribute, publish, modify or edit the data you shot, recorded or downloaded using this product without the consent of the copyright holder, except for personal use, under the copyright law. In addition, do not use or modify portraits or names of other individuals without their consent, as it might infringe on rights of portrait.
  Note that shooting and recording may be restricted at some live performances, shows and exhibitions even for personal use.
- Be careful about the copyright and portrait right when posting images you shot, etc. on Internet homepages.

■ Backup content on the product

- Please back up*1 important content recorded or downloaded for the product to an outside source. Content recorded to memory on the product sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, repair, mishandling, etc.

*1 How to make backups:
Store important data such as phonebook data, music, shot photos and videos on microSD memory cards. You can also send files as mail attachment or transfer to your PC. Note, however, that there are some data that cannot be copied by using these means.

Available security codes

The product has various security codes that you can use. The available security codes are as follows. Do not forget the various security codes that are set as they are necessary for various operations and contracts.

● Security code

Example of usage	① To do remote operation of Voice mail and Call forwarding services from a landline phone
	② To use Customer Service Center and to do various inquiries, applications, and modifications on the au homepage
Initial value	A four-digit number chosen by the customer and noted on the application form

● Pattern/PIN/password to unlock screen

Example of usage	To set and release the screen lock
Initial value	Swipe

● PIN code

Example of usage	To prevent unauthorized use of the au Micro IC Card (LTE) by third parties
Initial value	1234

● Lock No. (NFC/Osaifu-Keitai lock)

Example of usage	To set the "NFC/Osaifu-Keitai lock setting"
Initial value	1234

PIN Code

PIN Code

To prevent unauthorized use of the au Micro IC Card (LTE) by a third party, you can set the product to require PIN code entry every time the power is turned on. You also need to enter PIN code when setting whether the PIN code entry is required.

If the PIN code is incorrectly entered three times consecutively, the PIN code will be locked. Use the PUK code to unlock the PIN code.

- PIN code is "1234" and PIN code entry was set to not be required at the time of purchase. You can change PIN code to any four- to eight-digit number, and set the PIN code entry to be required as necessary.

PUK Code

In case the PIN code is locked, you can unlock it by entering the PUK code.

- PUK code is an eight-digit number given at the time of purchase, which is printed on the back side of the plastic card where your au Micro IC Card (LTE) is attached.
- After entering the PUK code, you need to set a new PIN code.
- If the PUK code is incorrectly entered ten times consecutively, contact an au shop, PiPit or the Customer Service Center.
- "PIN code" is not reset by initializing the product.

Notes on waterproof and dustproof properties

This product has a waterproof property equivalent to IPX5*1 and IPX7*2, as well as a dustproof property equivalent to IP6X*3 on the condition that the microUSB connection terminal cover and back cover are securely attached (based on in-house testing).

Specifically, you can make calls holding the product with wet hands in the rain (less than 20 mm per hour) without umbrella, as well as use the product in a place with water such as a kitchen.

Before using the product, thoroughly read "Important items to remember before use" and "Tips for comfortable use" to ensure correct use. Failure to follow the contents described in these sections may cause the intrusion of water, sand or other foreign material, resulting in overheating, ignition, electric shock, injury or a fault.

*1 IPX5 equivalent means that the product will maintain its operability as a phone even if it is sprayed with water from a 6.3 mm diameter nozzle at a distance of about 3 meters for more than 3 minutes at a rate of about 12.5 liters per minute from any direction.

*2 IPX7 equivalent means that the product will maintain its operability as a phone with no water getting inside the main unit even if it is gently submerged in a tank of still tap water at room temperature to a depth of 1 meter for about 30 minutes.

*3 IP6X equivalent means that the product will securely maintain its function of no grit and dust getting inside the main unit even after it has been placed in an apparatus with grit and dust of diameters of 75 μm or less and shaken for 8 hours.

Since operation of the product on each usage scene was confirmed based on the above assumption, proper operation of the product in every possible condition during actual use is not guaranteed.

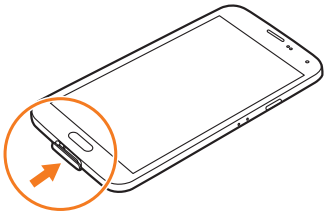
Malfunctions determined to be caused by mishandling by the customer are not covered by the warranty.

Important items to remember before use

- Be sure to tightly close the microUSB connection terminal cover and securely attach the back cover.
  - Waterproofness/dustproofness is only effective when the covers are securely closed.
  - Just a small particle (a hair, one grain of sand, etc.) between contact surfaces can cause water leak.
  - Do not open/close the microUSB connection terminal cover or back cover if the main unit or your hands are wet. When the water is in the headset connection terminal, do not insert Samsung 1Seg antenna 01, Stereo Headset with Microphone (sample), etc.

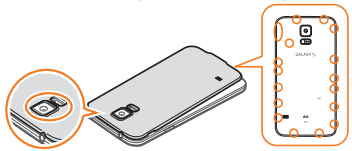
Closing microUSB connection terminal cover

After stowing the cover hinge, press the whole cover evenly with the flat part of your finger. Ensure that the cover is not partially open.



Attaching the back cover

Check the orientation of the back cover and attach it fitting to the out-camera, then press firmly and install making sure there are no gaps.



Press ○ firmly and make sure there no gaps between the cover and the main unit.

- Do not immerse the product in water with soap, detergent or bath salts in it.
- Do not immerse the product in seawater, a swimming pool or hot spring.
- Do not immerse the product in any liquid (alcohol, etc.) other than water.
- Do not place the product directly on the sand at a beach, etc. Sand or other small particles might get inside the earpiece, speaker, etc. causing the volume to drop. If sand gets inside the product's main unit, it might cause overheating or a fault.
- Do not use the product underwater.
- Do not leave the product in a humid place such as a bathroom or kitchen for an extended period of time.

Tips for comfortable use

- Once the product gets wet, water may remain in gaps on the main unit. Shake the product well to drain water. Especially make sure to drain water remaining in back cover, key part, charging terminals, headset connection terminal and speaker.
- Even after the water is drained, the inner parts might still be wet. Although you can use the product, do not place it near things that must not get wet. Take care not to wet your clothes, bag or contents of the bag.
- Drain water if it becomes temporarily hard to hear the sound due to water remaining in microphone.

■ Notes on various usage scenes

< In the rain>

You can make calls holding the product with wet hands in the rain without an umbrella.

- The rain in this case means a moderately-heavy rain (less than 20 mm per hour).
- Water drops on the display might cause errors in the touch panel operation.
- Never open/close the microUSB connection terminal cover or back cover if the product is exposed to rain, or your hands are wet.

<In the shower>

You can make calls holding the product with wet hands while taking a shower.

- Avoid spraying the product with high-pressure water, as the product is not designed to withstand high water pressure.

<Washing>

You can wash the product under a mild flow (6 liters per minute or less) of tap water at room temperature (5℃ to 35℃) at a distance of about 10 cm from the faucet or showerhead.

- Do not spray the product with high-pressure water or submerge it in water for extended periods of time, as the product is not designed to withstand high water pressure.
- Make sure to hold the microUSB connection terminal cover not to open, wash the product with your hands. Do not use a brush or sponge.
- Do not wash the product in a washing machine or ultrasound bath.
- Do not splash the product with or immerse it in soap water, detergent water, etc. other than tap water.

<On the poolside>
- Do not immerse the product in or splash it with pool water. Also, do not use the product underwater.
- When the product gets pool water, which contains chlorine for disinfection, wash the product under the tap water*1 at room temperature. Do not use brush etc. when washing it.
  *1 A mild flow (6 liters per minute or less)

<In the kitchen>
You can use the product in the kitchen and other places where water is used.
- Do not splash the product with or immerse it in soap water, detergent water, seasonings, juices, etc. other than tap water.
- Do not immerse the product in or splash it with boiling water. The product is not resistant to high temperatures.
- Do not place the product where it gets extremely hot or cold such as near a stove or in a refrigerator.
- To watch TV (1Seg), place the product on the stable place.

■ Common precautions

microUSB connection terminal cover, back cover

Make sure that the microUSB connection terminal cover and back cover are firmly closed. Just a small particle (a hair, one grain of sand, etc.) between contact surfaces can cause water leak.
Do not open/close the microUSB connection terminal cover or attach/remove back cover with gloved hands. Just a small particle (a hair, one grain of sand, etc.) between contact surfaces can cause water leak. Wipe off any minuscule droplets of water or dirt with a clean dry cloth before closing the covers.
If the microUSB connection terminal cover or the back cover is deteriorated or damaged, the waterproof/dustproof property becomes ineffective. In such case, contact an au shop near you.

If any liquid other than plain water gets on the product

If any liquid other than plain water (e.g. seawater, detergent, alcohol) gets on the product, immediately rinse it with plain water.
You can wash the product under a mild flow (6 liters per minute or less) of tap water at room temperature (5℃ to 35℃) at a distance of about 10 cm from the faucet or showerhead.
If the product gets dirty, wash it with your hands holding the back cover and the microUSB connection terminal cover so that they do not open. Do not use a brush or sponge.

After the product gets wet

After the product gets wet, drain water, and wipe the main unit and the back cover with a clean dry cloth without removing the back cover. In cold climates, water on the main unit may turn to frost. Using the product with frost may cause a fault. Do not leave the product without wiping off the water. (No special measures against condensation have been implemented in this product.)

Rubber seals

The rubber seals on the inner edges of the microUSB connection terminal cover and the back cover are important to maintain waterproof/dustproof property. Do not damage or remove the rubber seals.
When closing the microUSB connection terminal cover and back cover, take care not to get the rubber seals caught. Forcibly closing the cover with the rubber seals caught may damage them resulting in loss of waterproof/dustproof. Just a small particle (a hair, one grain of sand, etc.) between contact surfaces can cause water leak. If any liquid other than plain water (e.g. alcohol) gets on the rubber seals, it may cause deterioration in durability.
Do not insert sharp objects into grooves around the microUSB connection terminal cover or the back cover. Doing so might damage or deform the product or damage the rubber seals, causing water leak.
It is recommended to replace the parts for maintaining waterproof/dustproof property once every two years regardless of whether any abnormality is present. For information on part replacement, contact an au shop near you.

Charging

Never charge the battery if the main unit is wet.
The supplied and optional accessories are not waterproof/dustproof.

Waterproof property

Do not use the product in places where it may be sprayed with high-pressure water (e.g. near a faucet or showerhead) or submerge it in water for extended periods of time, as the product is not designed to withstand high water pressure. Also, do not expose the product to a water flow stronger than the specified flow rate (i.e. 6 liters per minute

from a faucet or showerhead, at which you might even feel pain in the skin). Doing so might cause a fault, even though the product has a waterproof property equivalent to IPX5. Do not wash the product in a washing machine or ultrasound bath. The product does not float on water.

Heat resistance

Do not use the product in places where boiling water may splash on it, in saunas or near hot air (e.g. hairdryer). The product is not resistant to high temperatures.

Shock

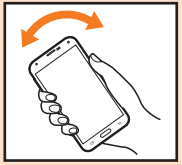
This product is not resistant to shock. Do not drop the product or subject it to shock. Also, do not jab the microphone, or speaker etc. with a cotton swab or any sharp object. Failure to do so might cause damage or a fault.

■ Draining water after wetting the product

As some parts of this product are not watertight, if you use the product after it gets wet, water remaining in those parts might wet your clothes or bag, or the sound might become hard to hear. Follow the steps below to drain water.

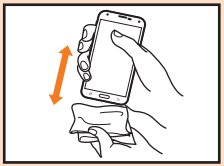
1 Wipe off water thoroughly on the product with clean dry lint-free cloth.

2 Hold the product firmly and shake until water does not come out.



* When shaking the product, check the safety around you.
* Be careful not to have the product pop out, and hold it firmly to drain water.
* Water left on microphone, speaker, microUSB connection terminal, charging terminals or headset connection terminal is not easily wiped off. Shake the product with these parts facing downward.

3 Press the product gently against a clean dry lint-free cloth, and wipe off water coming out of parts such as the microphone, speaker, microUSB connection terminal or headset connection terminal when facing downward.



4 Leave the product for 1 hour or more at room temperature to dry after removing water thoroughly.

Even after you take these procedures, water may remain on the product. Do not place the product near things that you do not want to wet.
Also, take care not to wet your clothes, bag, etc.

■ Charging

The supplied and optional accessories are not waterproof/dustproof. Be sure to check the following points before and after charging.

- Never charge the battery if the product is wet. Doing so might cause electric shock or short circuit resulting in a fire, burns or a fault.
- Check that the main unit is not wet. If you are charging the battery just after the product gets wet, drain water well and wipe the remaining water off with a clean dry cloth before placing it in the Desktop Holder (SCL23PUA) or opening the microUSB connection terminal cover.
- If you charge the battery with the microUSB connection terminal cover open, be sure to tightly close the cover when charging is finished. We recommend using the Desktop Holder (SCL23PUA) to charge the battery to prevent water from entering from the microUSB connection terminal cover.
- Do not touch the specified charging equipment (sold separately) with wet hands. Doing so might cause electric shock.
- Do not splash water over the specified charging equipment (sold separately) or Desktop Holder (SCL23PUA). Do not use it near water such as in a bathroom, shower room, kitchen or washroom. Doing so might cause fire, electric shock, injury or a fault. Do not bring it into a bathroom, etc. even when you are not charging with them. Doing so might cause fire, electric shock, injury or a fault.

Notes on using Bluetooth®/wireless LAN (Wi-Fi®) functions

- The Bluetooth® function and wireless LAN (Wi-Fi®) function of this product conform to the domestic standards of Japan, FCC standards and EC Declaration, and have been certified.
- Use the wireless LAN (Wi-Fi®) function in the 5 GHz band in Japan. The wireless LAN (Wi-Fi®) function of this product conforms to domestic wireless standards in Japan, and has been certified. Use overseas may be subject to punishment by law.
- The 2.4 GHz band used by wireless LAN (Wi-Fi®) and Bluetooth® devices is shared by various other devices. For this reason, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference from other devices.
- Do not use this product in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetized devices.
- Subjecting this product to magnetic or electrical noise might increase noise and prevent it from performing communications. (This product is particularly susceptible to noise when it used near a microwave oven.)
- Using this product near a TV, radio or similar appliance might cause reception interference and disrupt TV images.
- The searching might not be successful if there are multiple wireless LAN (Wi-Fi®) access points near to the product or the same channel is being used.
- The wireless LAN (Wi-Fi®) function cannot be used in airplane. Be sure to turn off the power even in a wireless LAN (Wi-Fi®) compliant airplane. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the Bluetooth® devices used.

■2.4 GHz frequency band precautions

The frequencies used by the Bluetooth® and/or wireless LAN (Wi-Fi®) function of this product are in the 2.4 GHz band. In this frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license to use, such as factory production lines, specific small power wireless stations that do not require licenses, amateur wireless stations (collectively called "other wireless stations" from here on) are operated in addition to home electrical appliances such as microwave ovens, devices for industrial, scientific and medical devices.

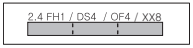
1. Before using this product, make sure that "other wireless stations" are not in operation nearby.

2. In the event that instances of radio wave interference have occurred between this product and "other wireless stations", immediately either relocate this product or stop operation of the device (stop the emission of radio waves).
3. If you are unclear on any points or are troubled by anything, contact an au shop or Customer Service Center.

memo

◎The connections between this product and all other Bluetooth® and wireless LAN (Wi-Fi®) devices have not been confirmed. Therefore, connections with all Bluetooth® and wireless LAN (Wi-Fi®) devices are not guaranteed.
◎This product supports security features for wireless communications that are compliant with the Bluetooth® and wireless LAN (Wi-Fi®) standard specifications, but the security may not be sufficient depending on the usage environment and configuration. Be careful when making data communication using Bluetooth® or wireless LAN (Wi-Fi®) function.
◎Wireless LAN (Wi-Fi®) has the advantage that it can be freely connected anywhere within the radio wave range, as it uses radio waves for exchanging information. At the same time, there is a risk that a malicious third party may obtain unauthorized access if security settings have not been configured. You are recommended to configure security settings before using wireless LAN (Wi-Fi®) at your decision and responsibility.
◎The Company assumes no responsibility for leakage of data or information that may occur during Bluetooth®/wireless LAN (Wi-Fi®) communication.
◎Since Bluetooth® and wireless LAN (Wi-Fi®) functions use the same frequency band, using the both functions at the same may cause radio wave interference resulting in decreased communication speed or disconnection from the network. If connection fails, stop using either of the Bluetooth® and wireless LAN (Wi-Fi®) functions.

Bluetooth® and wireless LAN (Wi-Fi®) functions of this product use frequencies in the 2.4 GHz band.



- **Bluetooth® function: 2.4FH1/XX8**
  This product uses the 2.4 GHz band. For FH1, FH-SS is used as the modulation scheme. The interference distance is about 10 m or less. XX8 uses other schemes and interference distance is about 80 m or less.
- **Wireless LAN (Wi-Fi®) function: 2.4DS/OF4**
  This product uses the 2.4 GHz band. DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less.

: This means that all bandwidths can be used, and that bands of mobile unit identification devices cannot be avoided.

Available channels differ depending on the country.
For use in an airplane, check with the airline company in advance.

■5 GHz frequency band precautions

Wireless LAN (Wi-Fi®) function of this product uses 5 GHz band. Using the 5.2 GHz band and 5.3 GHz band outdoors is prohibited by the Radio Law.
The channels used on the product are as follows.
W52 (5.2 GHz band/36, 40, 44, 48 ch)
W53 (5.3 GHz band/52, 56, 60, 64 ch)
W56 (5.6 GHz band/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch)

Notes on packet communication charge

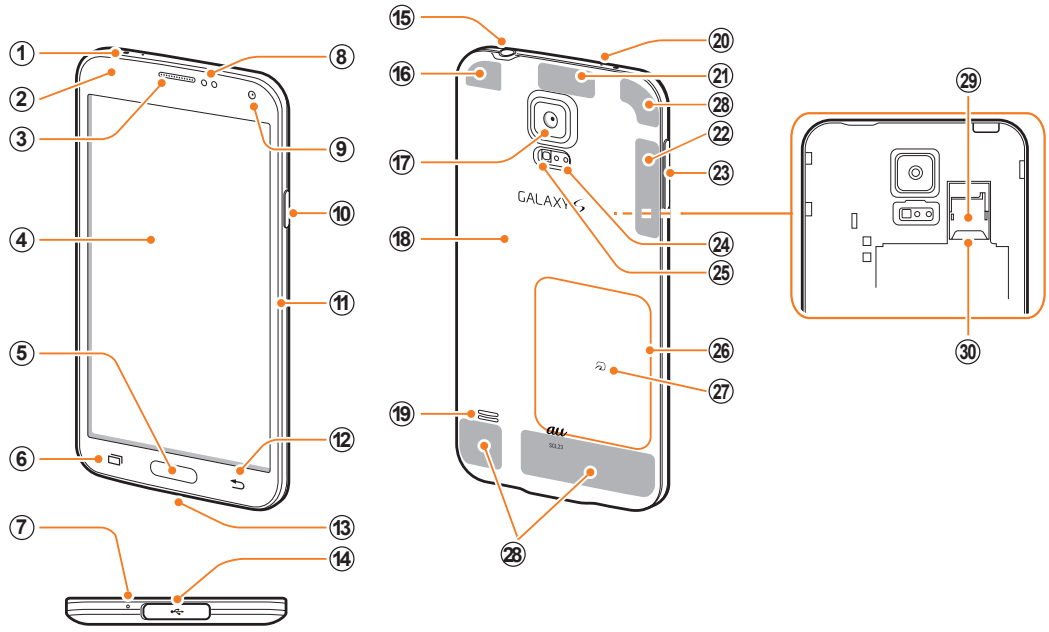
- Since a constant Internet connection is possible with this product, packet communication may be performed automatically by some applications, resulting in high packet communication charges. Therefore, subscription to a packet communication charge discount service or flat late plan is recommended.
- To browse homepages, download applications, communicate using applications, send/receive E-mails and configure various settings, connection to the Internet is required, to which packet communication charge applies.

* Packet communication charge does not apply to Wi-Fi connection.

Notes on applications

- Be sure to check the security of the application, then install it at your own risk. Some applications might cause virus infection, damage various data, and send out your location information, usage history or personal information stored in your cell phone via the Internet.
- The Company assumes no responsibility for any problems that might be caused by the applications you have installed. In such case, you may be charged a repair fee even during the warranty period.
- The Company assumes no responsibility for any disadvantage brought to you or any third party by applications you have installed.
- Insertion of a microSD memory card is necessary to use some applications.
- Some applications prohibit the product from entering sleep mode while they are active, or rapidly drain the battery while running in the background.
- Operational procedures and screen appearances of the applications preinstalled in this product and those installed by you are subject to change without notice as a result of version upgrade. In addition, operating procedures described in this manual may differ from the actual procedures.

Names of parts and their functions



① **Light-emitting part for remote control**
When using remote control function in "Smart Remote" application etc., aim this part at a receiver.
② **Notification LED**
Notify missed calls, indicate charging status, etc. only while the display backlight is turned off.
③ **Earpiece**
Other party's voice is heard.
④ **Display (Touch panel)**
⑤ **Home key/Fingerprint sensor**
Return to the Home screen. Press and hold for over one second to activate "Google" application. Also, use it for fingerprint authentication.
⑥ **History key**
Display the recently-used applications. Long-touch to display the menu.
⑦ **Microphone (lower)***1
Microphone (lower) operates for speech recognition such as calling, recording or using S voice, etc.
⑧ **Proximity/Light/Gesture sensor***2
Turn off display and adjust the display brightness when proximity of face is detected or according to the ambient brightness. Also, operate the product by detecting hand movement (gesture).
⑨ **In-camera**
Use when shooting yourself, etc.
⑩ **Power key/Screen lock key**
Press and hold for over one second to turn the power on. Press while the power on to set screen lock. Press and hold for over one second to power off, toggle Airplane mode on/off, restart, toggle Emergency mode on/off, and set silent mode.
⑪ **Charging terminal (for Desktop Holder)**
⑫ **Back key**
End applications or return to the previous screen.
⑬ **microUSB connection terminal**
⑭ **microUSB connection terminal cover**
⑮ **Headset connection terminal**
Connection terminal with 3.5 mm diameter for connecting Stereo Headset with Microphone (sample), etc.
⑯ **GPS/Built-in antenna part***3
⑰ **Out-camera**
Shoot still pictures or videos.
⑱ **Back cover**
⑲ **Speaker**
Ringtone and other party's voice during handsfree call are heard from hear.
⑳ **Microphone (upper)***1
Microphone (upper) operates for calling, handsfree calling or recording voice recorder, etc.
㉑ **Bluetooth®/Wi-Fi® antenna***3
㉒ **Wi-Fi® second antenna***3
㉓ **Volume key/Shutter key**
Adjust ringtone volume and media sound volume.
Release the shutter while shooting a still picture and video.
㉔ **Cardiac rate sensor**
Measure cardiac rate by activating the “S Health” application and holding up your finger.
㉕ **Light**
Light when shooting still pictures and videos.
㉖ **NFC/FeliCa antenna (embedded in the battery pack)**

㉗ mark
Hold the mark over the reader/writer when using Osaifu-Keitai®.
Send or receive data via IC transmission.
㉘ Built-in antenna part*3
㉙ microSD memory card slot
㉚ au Micro IC Card (LTE) slot

*1 Be careful not to cover microphones (upper/lower) with your finger.
*2 Do not cover proximity/light/gesture sensor with a protective sheet, etc. Functions may not work correctly.
*3 The antenna is built into the phone. Covering around the antenna by hand may affect call/communication quality.

Attaching/removing the battery pack

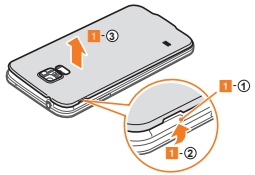
Use only the battery specified for this product and attach correctly.

memo

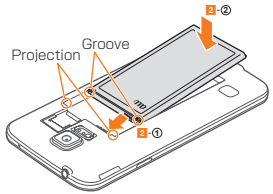
◎Before attaching/removing the battery pack and back cover, turn the power off.
◎FeliCa antenna and NFC antenna are embedded in the battery pack. Handle it properly.

Attaching the battery pack

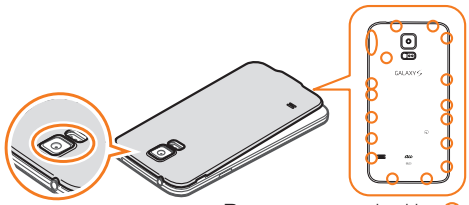
1 Put your finger (fingernail) into the part 1-① and lift the back cover in the direction of 1-② then remove in the direction of 1-③



2 Fit the projections of the product with grooves of battery pack (2-①), then insert the battery pack in the direction of 2-②



3 Check the orientation of the back cover, align the back cover with the out-camera position, and then press it firmly to ensure that there are no gaps



Press parts marked by ○ firmly and make sure that there are no gaps between the cover and the main unit.

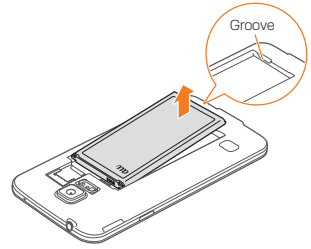
memo

◎Attaching in the wrong way may damage the battery pack and cover.
◎When attaching the back cover, align properly and push along the edges not to leave spaces between the cover and the phone.

Removing the battery pack

1 Remove the back cover

2 Put your finger on the battery pack using the groove of the product and lift the battery pack in the direction of the arrow to remove

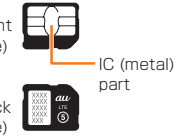


au Micro IC Card (LTE)

Your phone number etc. is recorded in the au Micro IC Card (LTE).

- The product is compliant with au Micro IC Card (LTE) only. You cannot use the product by inserting the au IC-Card and micro au IC-Card for au phones and smartphones instead.

au Micro IC Card (LTE)



memo

◎Power off the product and remove the battery pack before attaching/removing the au Micro IC Card (LTE).
◎Note the following points, otherwise handling the au Micro IC Card (LTE) may cause malfunction or damage.
- Do not touch the IC (metal) part of the au Micro IC Card (LTE) or the IC card terminal inside the product.
- Insert in the correct direction.
- Do not use force to attach or remove.

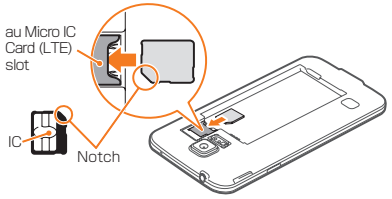
◎Do not lose the au Micro IC Card (LTE) after it has been removed.
◎If an au Micro IC Card (LTE) is not inserted, appears. And the following operations cannot be performed.
- Making/receiving calls
- Sending/receiving E-mail (@ezweb.ne.jp) and SMS
- Setting PIN code
- Checking own number
- Making emergency calls to 110 (Police), 119 (Fire institution), 118 (Regional Coast Guard Headquarters) and 157 (Customer Service Center)

◎Do not insert an au Nano IC Card (LTE) to which a conversion adapter is attached. Doing so might cause a fault.

Attaching the au Micro IC Card (LTE)

1 Remove the battery pack and cover

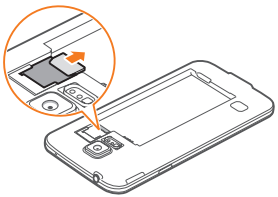
2 With the IC (metal) side down, insert the au Micro IC Card (LTE) with the orientation of the notch as shown all the way into the card slot



Removing the au Micro IC Card (LTE)

1 Remove the battery pack and cover

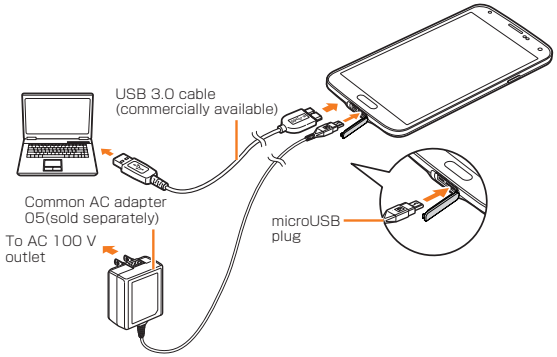
2 Pull the au Micro IC Card (LTE) straight out



Charging

When you purchase your product, the battery pack is not fully charged. Be sure to charge the battery pack before use.

- "Charging, XX%" appears under the date and time on the lock screen when charging.



* You cannot charge using both the specified AC adapter (sold separately) and a PC at the same time

Failure to do so may cause significant damage to the product. Damage from incorrect connection is out of compensation.

memo

◎The common AC Adapter 03/05 (sold separately) supports 100 to 240 VAC. Use only the common AC Adapter 03/05 (sold separately) for charging overseas.

Charging using the AC adapter (sold separately)

The following describes how to charge the battery pack using the common AC Adapter 05 (sold separately).

It takes about 100 minutes to charge the battery pack with the common AC Adapter 05 (sold separately).

1 With the engraved side up, insert the microUSB plug of the common AC Adapter 05 (sold separately) straight into the microUSB connection terminal (wider terminal on the right side) of the product

2 Insert the power plug of the common AC Adapter 05 (sold separately) into the AC 100 V outlet

Start charging tone sounds and appears on the status bar.

When charging is finished, 100% appears on the status bar.

- When you start charging powered off, animation is displayed to show the status of charging in a certain period of time. It will be displayed after finished, if you press /.

3 When the charging is finished, pull the microUSB plug of the common AC Adapter 05 (sold separately) straight out from the product and the power plug out from the outlet

Charging with a PC

To charge with a PC, the microUSB connection cable (sample) is needed. Make sure the direction to connect them properly. Attempting to forcibly connect may cause a damage.

1 With the engraved side up, insert the microUSB plug of the microUSB connection cable (sample) straight into the microUSB connection terminal of the product

2 Insert USB plug of the microUSB connection cable (sample) into the USB port of a PC

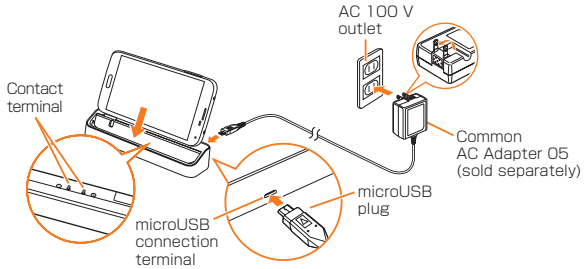
appears on the status bar.
When charging is finished, 100% appears on the status bar.

- If the found new hardware screen etc. appears on the PC, select "キャンセル (Cancel)".

3 When charging is finished, remove the microUSB connection cable (sample) from the product and PC

Charging with Desktop Holder (SCL23PUA) and specified AC Adapter (sold separately)

Desktop Holder (SCL23PUA) and specified AC Adapter (sold separately) are required for charging. Charging with Common AC Adapter 05 (sold separately) is explained.



1 Connect the microUSB plug of Common AC Adapter 05 (sold separately) with the microUSB connection terminal of Desktop Holder (SCL23PUA)

Confirm the shape of the connector for Common AC Adapter 05 (sold separately) and insert it straight with the engraved side facing up.

2 Insert the power plug of Common AC Adapter 05 (sold separately) into an outlet

3 Fit the charging terminals of the product with the battery pack installed to the contact terminals of Desktop Holder (SCL23PUA)

Charging start sound emits, then appears on the status bar. When charging ends, 100% appears on the status bar.

When charging is finished, remove the product from Desktop Holder (SCL23PUA) by lifting straight. Removing the product tilting forward may cause damage.

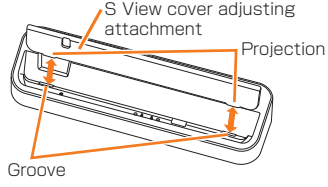
memo

◎Desktop Holder (SCL23PUA) does not support quick charge.
◎When you connect USB cable from the external connection terminal of the product while attaching the product to Desktop Holder (SCL23PUA) to charge, charging from the external connection terminal is given a priority.
◎When you attach the product to the desktop holder and the product is turned on, the desktop home screen with a calendar, a clock, etc. is displayed.
◎When you connect Desktop Holder (SCL23PUA) with a PC using microUSB cable 01 (sold separately), data cannot be transferred between the product attached to Desktop Holder (SCL23PUA) and the PC.

Attachment

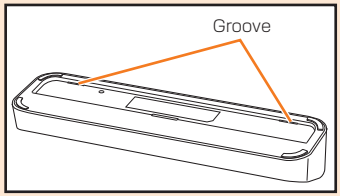
By default, an attachment (Samsung S View cover adjusting attachment) is attached to Desktop Holder (SCL23PUA). Usually, charge with Desktop Holder (SCL23PUA) with the attachment installed.
If you remove the attachment, you can charge the product with Samsung S View cover attached. To remove, slide the attachment upward.
To attach the attachment, fit and install the projections of the attachment into the grooves of mounting portion of Desktop Holder (SCL23PUA), and press firmly so that there are no gaps between Desktop Holder (SCL23PUA) and the attachment.

- Note that charging is not available when a commercially available cover other than Samsung S View cover is attached.



memo

◎We recommend attaching the removed attachment to the bottom of Desktop Holder (SCL23PUA) to prevent loss. Fit and install the projections of the attachment into the grooves of the bottom of Desktop Holder (SCL23PUA).



Turning the power on/off

Turning the power on

1 Press and hold ▯ (over one second)

The lock screen is displayed.

Initial settings and switching to English mode

The first time the product turns ON, the initial setting screen appears automatically. Follow the onscreen instructions to switch to English mode. For details, refer to the supplied "Setting Guide".

memo

◎To change language to use, on the home screen, tap [Apps] → [Settings] → [Language and input] → [Language] → Select language you want to use.

Turning the power off

1 Press and hold ▯ (over one second)

Device options screen is displayed.

2 [Power off] → [OK]

Force restarting

1 Press and hold ⬭ and lower side of volume key simultaneously for over 11 seconds

The product vibrates twice and restarts.

Setting the screen lock

If the screen lock is set, the screen backlight turns off to prevent the keys or touch panel from erroneous operation. If no operation is made during certain period of time, the screen of the product automatically turns off and is locked in approximately five seconds.

1 While the screen is displayed, ▯

Backlight turns off and screen lock activates.
Press ▯/▭ to turn the backlight on and display lock screen.

Canceling the screen lock

The lock screen appears when the power is turned on or backlight is turned on by pressing ▯/▭.

1 While the screen is locked, ▯/▭

2 Flick (swipe) the screen up/down/left/right

Setting up a Google account on your product

To use Google services such as Gmail and Google Play, set up a Google account on the product.

1 Google account setup screen → [Existing]/[New]

If you already have an Google account, tap [Existing] and enter Username and Password, tap [▶] then follow onscreen instructions to set account.
If you do not have one, tap [New] and follow the onscreen instructions to register an account.

Setting au ID

When you have created an au ID, you can use various au services including "au Simple Payment Service" which offers you a simple way to purchase applications from au Smart Pass and Google Play.

1 On the home screen, [Apps] → [au ID Setting]

2 Enter the security code → [OK] → [au IDの設定・保存 (Set/Register au ID)]

3 Follow the onscreen instructions to set your au ID

If you already have an au ID, set your au ID.

Basic operation

Using the touch panel

The display on the product is a touch panel operated by touching it with your finger.

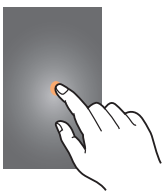
- The touch panel is designed to be touched lightly by your finger. Do not exert too much pressure with your finger, or press sharp-pointed objects (fingernails, ballpoint pens, pins, etc.) against it.
- In the following cases, the touch panel may not work even if you touch it. It may also malfunction.
  - · Operation with your fingernails
  - · Operation with foreign objects placed on the operation pad
  - · Operation with protective sheets or stickers on the touch panel
  - · Operation when the display is wet or fogged
  - · Operation with wet or sweaty fingers

■Tap/Double Tap

Tap: Gently touch a screen and then immediately release your finger. Double tap: Tap the same position twice.

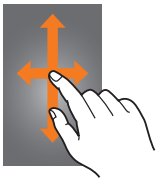
■Long Touch

Keep touching an item etc.



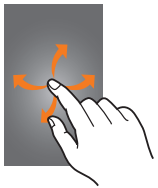
■Slide

While your finger is gently touching the screen, trace it to the desired direction to move over.



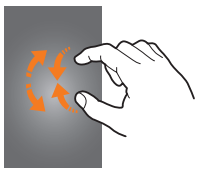
■Flick (Swipe)

Operate the screen by quickly moving (flicking) your finger up, down, right, or left.



■Pinch

Touch the screen with two fingers and widen (pinch out) or narrow (pinch in) the fingers' distance.



■Drag

Keep touching an item or icon, trace it to the desired direction to move.

Motion/Gesture

Moving your hand over the proximity/light/gesture sensor of the product (gesture), moving the product (motion), or swiping or tapping operation on the display performs the following operations.

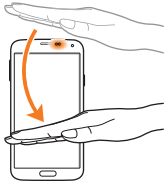
- Activate motion/gesture before using. From the Home screen, [Apps] → [Settings] → [Motions and gestures] → Tap motion/gesture you want to use → Tap ○ to ■.
- Tap item list of motion/gesture to use, to show tutorial of each motion, to check the instruction, and/or to set application and function to use.

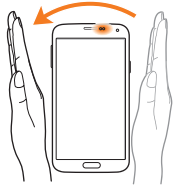
* This function maybe unavailable on some applications.

Browse

On the email message screen, move your hand up and down over the sensor to scroll the screen.

By moving your hand left or right over the sensor, go to next or previous data when still images or music are being played on specified application and move to next or previous window while browsing.



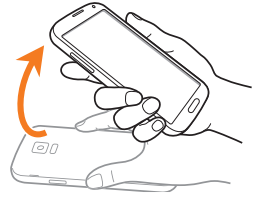


Direct call

When detailed screen of history or detailed screen of contact is displayed, pick up the product and bring it close to your face then the product vibrates and you can call to the contact.

Smart alert

If you pick up the product when there are missed calls and the screen turns off, the product vibrates to notify.



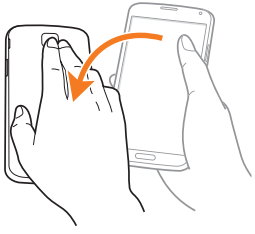
■Mute/Pause

■Covering screen with hand

While ringtone or alarm is sounding, tap with your palm to mute. While playing music or video, tap with your palm to pause playback sound (except when display is OFF).

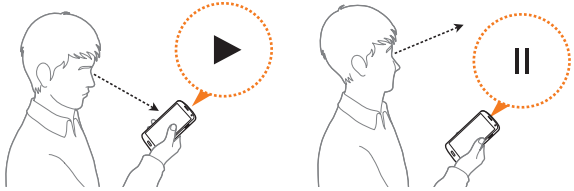
■Turning down the product

While ringtone or alarm is sounding, turn down the product to mute. While playing music or video, turn down the product to pause playback sound (except when display is OFF).



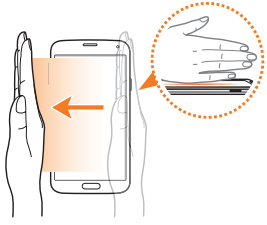
■Smart pause

Detect face with inside camera and pause playback of video when you do not watch the screen.



■Capture screen

Swipe the screen from right to left or vice versa with the side of your hand to capture the displayed screen.



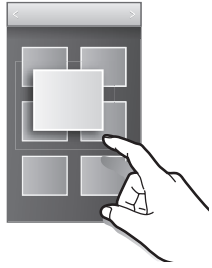
memo

◎If you wear dark colored glove or perform gesture operation out of the sensor recognition range, Gesture may not function correctly because of characteristics of sensor.
◎If excessive movement (shakiness, impact, etc) is given to the product, Motion may not function correctly because of sensor characteristic.

S Preview

Display preview to show information (information preview) out of the display by putting your finger close to text or image. You can also display time information of the scene and frame by putting your finger close to progress bar during playing videos, etc. Put your finger close to number on keypad screen to show name of set speed dial.

- This function maybe unavailable on some applications.
- Activate S Preview before using.
  On the home screen, [Apps] → [Settings] → [S Preview] →
  Tap ○ of "S Preview" to turn to |.
- Tap preview to use to show tutorial of each preview.



《Example of information preview》

memo

◎Keep certain distance between your finger and the display while operating S Preview. Putting your finger away form the display during S Preview operation disables the operation.
◎When your finger is too close to the display during S Preview operation, it might be recognized as touch operation.

Using the home screen

The home screen consists of multiple screens that can be switched by flicking left or right. You can return to the home screen at any time by pressing .

① **Widgets**
Tap to activate or operate.

② **Shortcuts**
Tap to activate applications or functions.

③ **Home screen guide**
Indicates which screen you are in.

④ **Quick access panel**
Tap to activate applications or functions.
Tap "Apps" to show the applications screen.

Starting an application

Tap an icon displayed on the applications screen to activate an application.

- Some applications and functions require communication charge.

Displaying the applications screen

1 On the home screen, [Apps]

Applications screen appears.

- Flicking from side to side toggles applications screen.

Monitoring the product's status

Icons indicating the status of the product appear in the status bar at the top of the screen. At the left of the status bar, notification icons indicating missed calls, new mail, running actions, etc. and at the right of the status bar, status icons indicating the status of the product appear respectively.

Status bar

Understanding icons

Main notification icons

Icon	Overview
	Call is received/Dialing/Calling in the background
	Missed call
	New Gmail message
	New PC-mail message
	New E-mail (@ezweb.ne.jp) message
/	Authorizing E-mail (sending, sending complete/ receiving)
	Failure in E-mail authorization/failure in receiving/ new mail messages in the server
	Failure in sending/receiving E-mail (@ezweb.ne.jp)
	New SMS/Message notifications of the voice mail service, incoming notifications of the incoming notification service
	Hangouts notifications
	Answer memo function on
	Recorded message of Answer memo
	Downloading data/Data downloaded

Icon	Overview
	Uploading data/Data uploaded
	Alarm is sounding
	S Planner notification
/	Playing/Pausing music in the background
	microSD memory card in preparation
	microSD memory card is unmounted.
	USB connecting
	Error messages
	Google Play update notification for installed applications
	Application installed
	Software update setting/Set Software update
	Wi-Fi® is turned on and Wi-Fi® open network is available
	GPS positioning in process (animating)/ Positioning complete (stop animating)
	"Nearby devices" turned on
	Navigation activated
	VPN connecting
	USB tethering turned on
	Wi-Fi® tethering turned on
	Both USB tethering and Wi-Fi® tethering turned on
	Playing music with LISMO
	TV (1Seg) activated
	Emergency Rapid Mail
	Charged
	Screen shot is taken.
	Keyboard is shown.
	Hidden notifications
	au Micro IC Card (LTE) not inserted

Icon	Overview
	Blocking mode set
	Drive mode set
	Screen shot setting enabled

Main status icons

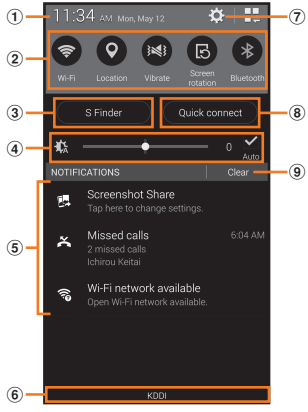
Icon	Overview
/	Signal strength level 4/ out of range
	Signal strength (international roaming)
/	LTE data communication status LTE data communication available/ LTE data communication in process
/	3G data communication status 3G data communication available/ 3G data communication in process
/	1X data communication status CDMA 1X data communication available/ CDMA 1X in process
/	Wireless LAN (Wi-Fi®) communication status Wireless LAN (Wi-Fi®) available/ Wireless LAN (Wi-Fi®) communication in process
	Bluetooth® function turned on
	Connecting with a Bluetooth® device
	Wi-Fi Direct turned on/connecting
	Airplane mode activated
	Silent mode (Vibrate) set
	Silent mode (Mute) set
	During a hands-free call (Speaker)
	During a call with Mute (mute your voice)
/	Battery level 100 % / Charging
	Alarm set

Icon	Overview
	NFC function enabled
	NFC/Osaifu-Keitai lock set
	Smart stay activated

Notification panel

When a notification icon appears, you can open the Notification panel to check overview of the notification. Tap icon on the Notification panel to set functions or check the information notified.

1 Slide down the status bar



① Tap to show setting screen for date and time.
② Switch on/off of each function (Quick Settings Button). Drag from side to side or tap ▦ to show hidden icons. Long touch to show setting menu screen for each function.
③ Display S finder.
④ Set display brightness.
⑤ Display notification information such as missed calls, new arrival mails, information in progress or process, etc. Flick left or right to delete.
⑥ Network operator currently connected is shown.
• Slide up to close the Notification panel.
⑦ Show Settings menu.
⑧ Quick connection display appears.
⑨ Clear notification information.

Using fingerprint authentication function

Fingerprint authentication function is an authentication by sliding your finger over the fingerprint sensor. Using fingerprint authentication function, you can easily unlock Lock screen and authenticate Samsung account.

Setting fingerprint authentication function

You can register fingerprint and set up functions to use or an alternative password.

- For settings of unlocking lock screen, refer to "Screen lock authentication" (▶P.68).
- If "Disclaimer" screen appears, confirm the contents and follow the onscreen instructions.

1 From the Home screen, [Apps] → [Settings] → [Finger Scanner]

■ To register fingerprint

2 [Fingerprint manager]

3 Follow the onscreen instructions to operate

■ To use as an unlocking method for the screen lock

2 [Screen lock] → [Fingerprint]

■ To use in operation for authentication to Samsung account

2 [Verify Samsung account]

3 Tap ○ on [Verify Samsung account] → [OK] → Follow the onscreen instructions to operate

■ To use as an authentication method for paying with PayPal

1 [Pay with PayPal] → Follow the onscreen instructions

■ To change alternative password

2 [Change alternative password] → Enter current alternative password → [Continue] → Enter a new alternative password → [Continue] →Enter the new alternative password again→ [OK]

Using fingerprint authentication

1 When a fingerprint authentication screen appears, slide your finger on the fingerprint sensor

- If the authentication failed, remove the finger from the fingerprint sensor and retry authentication.

Character input

Use the software keyboard to enter characters. To display the software keyboard, tap a character input box in the character entry screen for adding contacts, creating a message, etc.
Samsung Japanese keypad is set by default.
"Google voice typing" function is also available to input character.

Switching the keyboard

1 While the keyboard is displayed, slide down the status bar

Notification panel is displayed.

2 [Choose input method] → Choose input method you want to use

Entering text with Samsung Japanese keypad

For Samsung Japanese keypad, you can use two types of keypads: "QWERTY" and "3x4 key".

Switching the keypads

1 While the keypad is displayed, [⚙]

2 [3x4 Keyboard⇔QWERTY Keyboard]

3 [3x4 Keyboard]/[QWERTY Keyboard] → [OK]

Phone

Making calls

1 On the home screen, [Phone] → "Keypad" tab

2 Enter the phone number of the other party

To call a landline phone, first input the city code, even if you are in that city.

- If you input wrong number, tap ⌫ to delete the number you input.
  Long touch ⌫ to delete the all the numbers you input.

3 [📞]

4 When you have finished the call, tap [End call]

You can adjust the volume (loudness of the other party) during a call by pressing ▮.

Using history to make a call

On the logs, history of outgoing calls, incoming calls, missed calls, rejected calls can be checked.

1 On the home screen, [Phone] → "Logs" tab

The Logs screen is displayed.

: Incoming calls
: Outgoing calls
: Missed calls
: Reject calls
: Calls on the auto reject list

2 Select a party you want to call

Detailed log screen appears.

3 [📞]

memo

◎Alternatively, tap the "Contacts" tab or "Favorites" tab to call a stored number.

Calling overseas from au phones (au International Call Service)

You can make international calls without any special procedure from your product.

Example: To call "212-123-XXXX" in America from your product

1 On the home screen, [Phone] → "Keypad" tab → Enter the access code, country code, city code, and the phone number of the other party → [ ]

Access code varies depending on the country you call to.

Access code*1	Country code (America)	City code*2	Phone number of the other party
010	1	212	123XXXX

*1 Long touching "0" inputs a "+" and "010" is added automatically when you make the call.

*2 If the city code begins with "0", omit the "0" (however, some landlines, such as in Italy and Moscow, are different).

Emergency call location notification

If you make an emergency call to the police, fire station or Regional Coast Guard Headquarters, your current location (GPS information) will be transmitted to the agency receiving the emergency call.

memo

◎In this section, the police (110), fire station (119) and Regional Coast Guard Headquarters (118) are collectively referred to as the emergency call receiving agency.
◎This feature may not yet be available at some emergency call receiving agencies.
◎If you add "184" before the emergency call number 110/119/118, the emergency call receiving agency will not be notified of your location and phone number.
◎In places where signal reception from GPS satellites or a base station is relatively poor, such as in an underground mall, inside a building or behind a tall building, the emergency call receiving agency may be notified of some other place different from your actual location.
◎When GPS cannot be used to notify of your location, base station signal is used instead.
◎When making an emergency call to the police, fire station or Regional Coast Guard Headquarters, always confirm where you are, and tell them your exact location on the phone. Note that depending on the area where you are calling, your call may not be connected to the agency having jurisdiction over that area.
◎If the emergency call receiving agency determines that human lives and health are in danger, they will be able to acquire the caller's location information during the call or within a certain period of time after the call.

Receiving calls

1 You have an incoming call

2 Drag or slide out of the circle

- To decline a call, drag or slide out of the circle.

Checking your phone number

1 On the home screen, [Apps] → [Settings] → [About device] → [Status]

Your phone number is shown in the "My phone number" field.

Mail

You can use the following types of mail on the product.
· E-mail (@ezweb.ne.jp)
· SMS
· PC-mail
· Gmail

Using E-mail

This service allows you to exchange E-mail (@ezweb.ne.jp) with cell phones and PCs corresponding E-mail. You can send text, still images, and video data.

- To use E-mail, set up E-mail address in advance. Follow the onscreen instructions to set up when you activate E-mail application for the first time. For details, refer to the supplied "Setting Guide".
- To use E-mail functions, subscription to LTE NET is necessary. If you did not subscribe at the time of purchase, contact an au shop or Customer Service Center.

memo

◎Sending/receiving E-mail is available via wireless LAN (Wi-Fi®) but initial setting requires 4G (LTE)/3G data communication.
◎You can use E-mail overseas also.
◎The cost of transmitting packets varies depending on the volume of the data when sending or receiving E-mail. The transmission cost may be expensive when using the service overseas. For details, refer to the au catalog and the au homepage.
◎Sending and receiving E-mail may take some time depending on if there is an attachment and the status of the connectivity in the service area.

Creating and sending E-mail

1 On the home screen, [E-mail] → [Compose]
Address entry screen appears.

2 [ ]
Alternatively, tap "Enter address" to directly enter an address.

3 Select quoting option

4 [Compose]
Message thread screen appears.

5 Tap subject entry field → Enter subject

6 Tap the message field → Enter message text

7 [ ] → [Send]

memo

◎Decoration anime is not supported.

Receiving E-mail

1 Receive E-mail
- appears in the status bar.

2 On the home screen, [E-mail]
Thread list of E-mail screen appears.

3 Tap thread to check
The contents of the E-mail are displayed.

Changing address

1 On the home screen, [E-mail] → Long touch [▭] → [E-mail settings]

2 [Other settings] → [接続する (Connect)]

3 [Eメールアドレスの変更へ (To Change E-mail address)] → Tap password entry field → Enter a password → [送信 (Send)]

4 [承諾する (Agree)]

5 Tap E-mail address entry field → Enter the part of the address preceding "@" → [送信 (Send)] → [OK]

Using SMS

SMS is a service that uses phone numbers as addresses to exchange messages between cell phones.

Creating and sending an SMS

You can send a message (text of mail) using kanji, hiragana, katakana, alphanumerics, symbols, smileys, and emoticons.

1 On the home screen, [Apps] → [SMS]
Thread list by other party appears.

2 [✉+]
SMS creating screen appears.

3 [Input Phone No.] → Enter other party's phone number
Alternatively, [👤] → Select other party from Contacts.

4 [Input text] → Input text
You can send up to 160 single-byte or 70 double-byte characters in a message.

5 [Send]
Long touch the sent message → [Result Delivery Report] to check transmission result.

Receiving SMS

1 Receive SMS

appears in the status bar and the incoming tone sounds.

2 On the home screen, [Apps] → [SMS]

NEW appears on the thread which includes unread SMS.

3 Tap the thread to check

Message thread screen including received SMS appears.

memo

◎There is no charge for receiving SMS.
◎Depending on their content, some SMS may not be displayed correctly.

Using PC-mail

Using "Mail" application, you can exchange mails on this product by setting the same mail account as used on your PC.

・You need to set up a PC-mail account beforehand to use PC-mail. Follow the onscreen instructions to set account before using.

Using Gmail

Gmail is a mail service provided by Google. You can check, send and receive Gmail from the product.

・You need to set up a Google account beforehand to use Gmail.

Creating and sending Gmail

1 On the home screen, [Apps] → [Gmail]

2 [ ]

3 [To] → Input the other party's mail address

4 [Subject] → Input the subject

5 [Compose email] → Input a message

6 [ ]

Receiving Gmail

1 On the home screen, [Apps] → [Gmail]

2 Tap received Gmail

Internet

You can connect to the Internet using packet communication or wireless LAN (Wi-Fi®) function.

Using a browser

You can use a browser to view web pages just as you can on a computer.

Displaying a web page

1 On the home screen, [Internet]
Browser screen appears.

2 Tap address bar at the top of the screen → [×]
Search or enter Web address field appears.

3 Enter URL or keyword to be searched
Keyword suggestions are listed under Search or enter Web address field.

4 Select an item from the keyword suggestion/ [Go] on the keyboard

memo

◎Tap to enter a keyword for voice search.

Using bookmarks/history

You can check history or save bookmarks.

1 Browser screen → [ ]

2 Tap bookmark/history to open

Storing Bookmarks

1 Browser screen → [ ]

2 [+]

3 Check/Edit title
- To change folder to save the bookmark, tap "My device" field → Select a folder to save.

4 [Save]

Applications

Using Contacts

You can see the contacts information on the contacts list screen of Contacts. You can also add pictures to contacts.

memo

◎Phone numbers and names saved in the contact may be lost due to an accident or malfunction. It is recommended that you take a copy of important phone numbers etc. We shall not be liable for the damage and lost profit in the case that the contact is changed or lost because of an accident or malfunction.

Registering a contact

1. **On the home screen, [Apps] → [Contacts]**
2. **[+]**
   When you register contacts for the first time, saving location selection screen appears.
3. **Enter name**
4. **Input the required items**
5. **[Save]**

Registering your profile

1. **Contact screen → [Set my profile]**
   Profile screen appears.
2. **Enter required items → [Save]**

Editing contacts

1. **Contact screen → Tap a contact you want to edit**
2. **[ ]**

Shooting with the camera

You can shoot still pictures or record videos using the "Camera" application. Shooting/Recording is available in horizontal or vertical screen by tilting the product.

Before using the camera

- Fingerprints or grease on the lens make it impossible to capture clear pictures or movies. Wipe the lens clean with a soft cloth before shooting.
- When shooting, take care not to cover the lens with your finger or hair.
- When recording a movie, take care not to cover the microphone with your finger. Quality of audio recorded via the microphone may deteriorate depending on the loudness of speech or the surrounding environment at the time of recording.

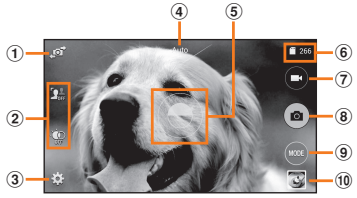
- Placing the product on an unstable surface when performing Self Timer shooting can cause it to fall when a vibrator operation or other operation is triggered by an incoming call, etc.
- The focus-lock sound and shutter sound when taking still pictures, and the record start sound and record end sound when recording videos are always produced even in silent mode.

Understanding the shooting screen

The horizontal screen view is used for explanation purpose.

1 On the home screen → [Camera]

Icons in the default state are shown.



《Still pictures/Videos》

①Switch to toggle in/out-camera
②Quick settings
Tap to configure each setting.
③Settings menu
④Current mode
⑤Focus
⑥Storage location (microSD memory card)
Indicate that the microSD memory card is set as storage location.
⑦Shutter (for videos)
⑧Shutter (for still pictures)
⑨Shooting mode menu
⑩Preview image
Thumbnail of still images/videos shot right before appears. Tap to open preview screen.

Shooting still pictures

1 On the home screen, [Camera]

2 Point the camera at the subject

- Pinch the screen to adjust zoom (x1.0 up to approximately x4.0). However, depending on shooting mode, zoom may be unavailable.
- Tap the screen to move a point to focus on.

3 [ ]

The shutter sounds and the taken still picture is saved.

Shooting video

1 On the home screen, [Apps] → [Camera]

2 Point the camera at the subject → [ ]

Start sound is emitted and recording starts.

- Pinch the screen to adjust zoom (x1.0 up to approximately x4.0). However, depending on shooting mode, zoom may be unavailable.
- Tap to pause recording.

3 To stop shooting, [ ]

Stop sound is emitted and recorded video is automatically saved.

Gallery

You can view still pictures and videos saved on the product or microSD memory card and sort them. Supported file formats are as follows (some files cannot be played);

Still picture	JPEG, PNG, GIF, AGIF, BMP, WBMP
Video	MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM, TS

memo

◎ This product is not compatible with DivX. Download compatible application to play files in DivX format.

1 On the home screen, [Apps] → [Gallery]

Data list screen appears.

- When the view setting is set to "Album", album list screen appears. When you select an album, data list screen appears.

Viewing a still picture or video

1 Data list screen → Tap a still picture or video you want to view

- Tap the screen while a still picture/video is displayed to display operation icons or menu items which allow you to send data, upload data to online service, delete data, etc.

au災害対策 (au Disaster Countermeasure)

au災害対策 (au Disaster Countermeasure) is an application in which you can use Disaster Message Board, Emergency Rapid Mail (Earthquake Early Warning and Disaster and evacuation Information and Tsunami Warning) and Disaster Voice Messaging Service.

1 On the home screen, [Apps] → [au災害対策 (au Disaster Countermeasure)]

au災害対策 (au Disaster Countermeasure) screen appears.

Using Disaster Message Board

Disaster Message Board service enables you to register information of well-being from an area of distress via LTE NET in case of large-scale disaster such as earthquake with a seismic intensity of over 6 lower. Registered information can be viewed on any cell phones and PCs besides by au cell phone users.
For details, refer to "Disaster Message Board" of au homepage.

1 au災害対策 (au Disaster Countermeasure) menu → [災害用伝言板 (Disaster Message Board)]

Follow the onscreen instructions to register/confirm.

memo

◎To register information of well-being, E-mail address (ezweb.ne.jp) is required. Set up E-mail address beforehand. For details on E-mail address setup, refer to "Setting Guide" available on au homepage.
◎Clearing and changing setting of 安否お知らせメール (safety notification mail) is unavailable while Wireless LAN (Wi-Fi®) is connected.
◎The Company makes no guarantees about the service quality. The Company assumes no responsibility whatsoever for any damages suffered by customers resulting from failure in registering information of well-being due to the number of accesses or equipment failure, damage or loss of information of well-being, or registered information of well-being.

Using Emergency Rapid Mail

Emergency Rapid Mail is a service that distributes Earthquake Early Warning or Tsunami Warning delivered from the meteorological bureau or Disaster and evacuation Information delivered from the government or local public organization to all au cell phones in specified areas simultaneously.

* When you purchased the product, "受信設定 (Reception setting)" of Emergency Rapid Mail (Earthquake Early Warning and Disaster and evacuation Information) is set to "受信する (Receive)". Reception setting of Tsunami Warning is available in the settings of Disaster and evacuation Information. When you receive Earthquake Early Warning, ensure your safety and take proper action according to the situation around you. When you receive Tsunami Warning, draw away from sea coast immediately and evacuate to safe place such as upland or well-built high building.

1 au災害対策 (au Disaster Countermeasure) menu → [緊急速報メール (Emergency Rapid Mail)]

Inbox appears. Select a mail you want to view to check the detail.

2			
	削除(Delete)		Delete received mail.
	設定(Settings)	受信設定(Reception setting)	**緊急地震速報 (Earthquake Early Warning)**: Set whether to receive Earthquake Early Warning. **災害・避難情報 (Disaster and evacuation Information)**: Set whether to receive Disaster and evacuation Information and Tsunami Warning.
		通知設定(Notification setting)	**音量 (Volume)**: Set volume of ringtone. **バイブ (Vibration)**: Set whether to vibrate when receiving emergency information. **マナー時の鳴動 (Action in silent mode)**: Set whether to notify according to the silent mode setting in silent mode.
		受信音／バイブ確認(Ringtone/vibration confirmation)	**緊急地震速報 (Earthquake Early Warning)**: Check the ring tone and vibrator settings for Earthquake Early Warning. **災害・避難情報 (Disaster and evacuation Information)**: Check the ring tone and vibrator settings for Disaster and evacuation Information and Tsunami Warning.

memo

◎ Reception of Emergency Rapid Mail is notified by a special warning tone and vibration. It is not possible to change the warning tone.
* Reception of Earthquake Early Warning is notified by a special warning tone, voice ("Jishindesu (It is an earthquake)") and vibration.
◎ Earthquake Early Warning are sent to areas where strong quakes (over 4 degrees) are expected when the expected maximum seismic intensity is higher than lower 5.
◎ The Earthquake Early Warning system provides advance announcement of the estimated seismic intensities and expected arrival time of principal motion. These estimations are based on prompt analysis of the focus and magnitude of the earthquake using wave form data observed by seismographs near the epicenter.
◎ Earthquake Early Warning may not arrive before strong tremors in arrears near the epicenter.
◎ Tsunami Warning are a notification delivered from the meteorological bureau (major tidal wave, seismic sea wave) to the area including target coast.
◎ Disaster and evacuation Information is a service that distributes bulletins concerning residents' safety including evacuation advisories, evacuation orders and other warnings issued by the national and local governments.
◎ The service is available only in Japan (it cannot be used overseas).
◎ No information fee or communication charge is required for receiving Emergency Rapid Mail.
◎ The Company is not liable for damages suffered by customers resulting from the service's information, lack or delay in the information caused by transmission or system breakdowns, or other events that are outside the responsibility of the Company.
◎ Refer to the Japan Meteorological Agency web page for details about distribution of Earthquake Early Warning or Tsunami Warning. http://www.jma.go.jp/
◎ You cannot receive Emergency Rapid Mail when your cell phone is turned off or during a call.

◎Emergency Rapid Mail may not be received when your cell phone is communicating such as while sending/receiving SMS/mail or using the browser, or if you are in a place where signal does not reach even in the service area (e.g. in a tunnel, basement) or in a place with a poor reception.
◎You cannot receive Emergency Rapid Mail that the reception is failed.
◎This delivery system is different from Earthquake Early Warning provided through TV, radio, or other communication procedures, which means that the time the Earthquake Early Warning arrive may vary.
◎Information from someplace other than your current location may be received.

Using Disaster Voice Messaging Service

Disaster Voice Messaging Service is a service which allows you to record your voice and send someone you want to inform your well-being in case of a large-scale disaster.

1 au災害対策 (au Disaster Countermeasure) menu → [災害用音声お届けサービス (Disaster Voice Messaging Service)]

Sending voice

Select "声をお届け (Send voice)" and "①お届け先を選択 (Select a send destination)"*1 → "②お届けしたい声を録音 (Record your voice)".

*1 You can select sending destination from Contacts by tapping .

Receiving voice

Reception of voice message is notified pop-up screen or SMS. Receive (download) the voice message to play.

* If the recipient's device is a smartphone that has not launched "au災害対策 (au Disaster Countermeasure)" application supporting Disaster Voice Messaging Service or au cell phone, notifications are sent by SMS.
* Notifications made by SMS are not saved to au Disaster Countermeasure application.

memo

◎To use via Wi-Fi®, initial setting via 4G (LTE)/3G network is required.
◎Voice message can be recorded for up to 30 seconds.
◎Messages can be sent and received to or from au cell phones, other telephone company's phones or PHS phones.
◎Voice message may be difficult to hear if the media volume is low or silent mode is set.
◎Voice messages cannot be saved or played if the device memory does not have available space.
◎Some cell phones do not support receiving voice messages. For details, refer to au homepage.

Using Disaster Information/Website for Donation

Check history of disaster or evacuation information delivered from local municipalities, disaster information portal sites and websites for donation.

1 au災害対策 (au Disaster Countermeasure) menu → [災害情報／義援金サイト (Disaster Information/Website for Donation)]

Select item to check.

File management

Using a microSD memory card

You can save/move/copy data onto a microSD memory card (including microSDHC memory card, microSDXC memory card) inserted to the product.

- Do not turn off the product or subject it to impact while microSD memory card data is being accessed. Doing so may cause data corruption.

memo

◎Some applications require a microSD memory card, use the product with the microSD memory card attached.

Attaching/removing a microSD memory card

Before attaching/removing microSD memory card, make sure to turn the product off and remove the battery pack.

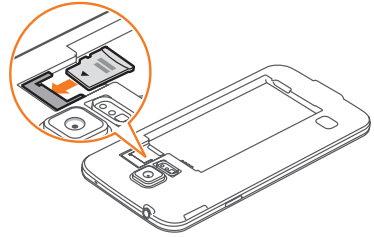
- Attaching/removing microSD memory card is possible with the product turned on. In such case, be careful not to remove the battery. When removing microSD card, be sure to unmount microSD card first.
- Do not force to attach or remove.

Attaching a microSD memory card

1 Remove the back cover and battery pack

2 With the contact (metal) side of the microSD memory card down, insert the microSD memory card in the direction shown all the way straight into the microSD memory card slot

- microSD memory card slot is placed above au Micro IC Card (LTE) slot.



memo

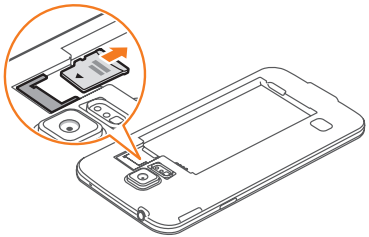
◎Make sure that the top and bottom of the microSD memory card are facing correctly. Trying to force a wrongly oriented card into the slot could make it impossible to remove the card and result in damage.

Removing a microSD memory card

1 Remove back cover and battery pack

- To remove microSD memory card with the product turned on, on the home screen, [Apps] →[Settings] → [Storage] → [Unmount SD card] → [OK] and confirm on the status bar.

2 Pull the microSD memory card straight out



memo

◎If you try to remove the microSD memory card before unmouting, it may cause malfunction or data loss.
◎The microSD memory card may be warm after a long time use. It is normal.

Formatting a microSD memory card

Formatting a microSD memory card erases all of the data currently stored on it.

1 On the home screen, [Apps] → [Settings] → [Storage]

2 [Format SD card]

3 [Format SD card] → [Delete all]
When lock screen appears, authenticate and tap "Delete all".

Using Samsung Kies

You can synchronize data such as contacts, music, still pictures, videos with the product or update software of the product using Samsung Kies.

- Download Samsung Kies from the Samsung web site and install to your PC. For details, visit the web site.

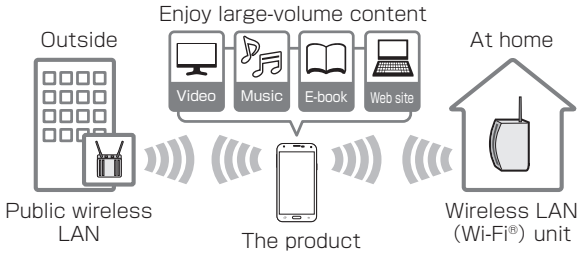
1 Activate Samsung Kies on a PC

2 Connect the product and the PC with microUSB connection cable (sample)

Data communication

Using the wireless LAN (Wi-Fi®) function

You can connect to the Internet via home wireless LAN (Wi-Fi®) environment or public wireless LAN environment outside.



memo

◎For home wireless LAN (Wi-Fi®) environment, internet connection and wireless LAN unit (Wi-Fi® network) are required.

Connecting Wi-Fi® network

1 On the home screen, [Apps] → [Settings] → [Wi-Fi]

2 Tap ○ to turn to I

Wi-Fi setting screen appears and available Wi-Fi® networks are listed.

3 Tap a Wi-Fi® network → [Connect]

- If you select a Wi-Fi® network protected by security, enter a password (security key)* and tap "Connect".
  * The password (security key) is set for an access point. Contact the network administrator for details.
- To disconnect from a Wi-Fi® network, tap the Wi-Fi® network you are connected to → Tap [Forget].

memo

◎Packet communications can be done while the Wi-Fi® function is on. However, the Wi-Fi® function has priority while connected to a Wi-Fi® network.
If the Wi-Fi® network is cut off, connection automatically switches packet communication.

Function settings

From Settings, set up and manage functions. You can personalize the wallpaper or ringtone, set up security, initialize data, etc.

Displaying the Setting menu

1 On the home screen, [Apps] → [Settings]

Settings menu appears.

- Alternatively, on the home screen, slide down the status bar and tap ☼ on the notification panel to display the settings menu.

Setting the Airplane mode

When airplane mode is set, wireless functions are disabled (telephone, packet transmission, Wi-Fi® and Bluetooth® functions).

1 On the home screen, [Apps] → [Settings] → [Airplane mode]

2 Tap ○ to turn to |

- Tap | to disable airplane mode.
  You can enable wireless LAN (Wi-Fi®) and Bluetooth® function even when Airplane mode is ON. Do not use wireless LAN (Wi-Fi®) function in a place where the use of radio waves is prohibited such as in airplane or hospital.

memo

◎Alternatively, press and hold ‖ for over one second, tap [Airplane mode] → [OK] to turn it on and off.

Setting the Silent mode

1. (Press and hold for over one second)
2. [Mute]/[Vibrate]

Screen lock authentication

You can set screen lock authentication to secure your product and prevent unauthorized access.

1. On the home screen, [Apps] → [Settings]
2. [Lock screen] → [Screen lock]
3. [Swipe]/[Pattern]/[Fingerprint]/[PIN]/[Password]
   To cancel screen lock setting, tap [None].
4. Set required items

Overseas usage

For overseas use without anxiety

The overseas network condition is available on the au homepage. Make sure to check the condition before leaving Japan.
http://www.au.kddi.com/information/notice_mobile/global/

When the product is stolen or lost

- If the product or au Micro IC Card (LTE) is lost or stolen while in overseas, please contact the Customer Service Center immediately to suspend phone service. Please be aware that any calling charges and packet communication charges incurred after theft or loss of a phone are the responsibility of the customer.
- If the au Micro IC Card (LTE) inserted into the product is stolen or lost, the card may be inserted into another mobile phone (including GSM mobile phone for overseas use) by a third party. So, it is recommended to set the SIM card lock to protect from improper use by a third party.

Using the product properly by knowing about calling and communication services overseas

- Calling charges differ depending on the country/region.
- Domestic discount services do not apply to calling charges/packet communication charges incurred while overseas.
- Calling charges are also incurred when receiving calls overseas.
- Depending on the country/region, calling charges may be incurred from the time that you tap .

Configuring the overseas settings

Obtaining the PRL (Roaming Area Information)

The PRL (roaming area information) contains information on roaming areas of overseas partner providers who have signed an international roaming contract with KDDI (au).
Please obtain the latest PRL before traveling.

- To check PRL version, on the home screen, [Apps] → [Settings] → [About device] → [Status], then check "PRL version".

1 On the home screen, [Apps] → [Settings] → [More networks]

2 [Mobile networks] → [Roaming settings] → [PRL Settings] → [Update PRL version]

Listen voice prompt played after connected, then hang up the phone. After the phone is hung up, updating PRL starts. It may take approximately ten minutes to update.

memo

◎Call charge or communication charge does not apply for updating PRL.
◎In some area, updating PRL is not available.
◎Be aware that service may be unavailable in some area/country if you do not update the PRL.

Network mode settings

Set network mode where the product is used.

1 **On the home screen, [Apps] → [Settings] → [More networks]**

2 **[Mobile networks] → [Roaming settings] → [System setting]**

3

Japan	Use in Japan.
LTE Roaming	Set when using LTE/UMTS/GSM network overseas.
3G Roaming	Set when using UMTS/GSM network overseas.

Making a call at your travel destination

Making a call to another country (including Japan) from your travel destination

You can make a call to Japan or another country from your travel destination.

1 **On the home screen, [Phone]**

2 **Input + (long touch "0"), country code, area code (city code), other party's phone number**

3 **[ ]**

Appendix

Introduction of related accessories

- Battery Pack (SCL23UAA)
- Desktop Holder (SCL23PUA)
- Common DC adapter 03 (0301PEA) (sold separately)
- Samsung 1Seg antenna 01 (01SCHSA)
- Portable charger 02 (0301PFA) (sold separately)
- microUSB cable 01 (0301HVA) (sold separately)
  microUSB cable 01 Navy (0301HBA) (sold separately)
  microUSB cable 01 Green (0301HGA) (sold separately)
  microUSB cable 01 Pink (0301HPA) (sold separately)
  microUSB cable 01 Blue (0301HLA) (sold separately)
- AC Adapter JUPITRIS (White) (L02P001W) (sold separately)
  AC Adapter JUPITRIS (Red) (L02P001R) (sold separately)
  AC Adapter JUPITRIS (Blue) (L02P001L) (sold separately)
  AC Adapter JUPITRIS (Pink) (L02P001P) (sold separately)
  AC Adapter JUPITRIS (Champagne) (L02P001N) (sold separately)
  Common AC Adapter 03 (0301PQA) (sold separately)
  Common AC Adapter 03 Navy (0301PBA) (sold separately)
  Common AC Adapter 03 Green (0301PGA) (sold separately)
  Common AC Adapter 03 Pink (0301PPA) (sold separately)
  Common AC Adapter 03 Blue (0301PLA) (sold separately)
  Common AC Adapter 05 (0501PWA) (sold separately)
- 18 core-microUSB conversion adapter 01 (0301QYA) (sold separately)
- au Carrying Case G Black (0106FCA) (sold separately)

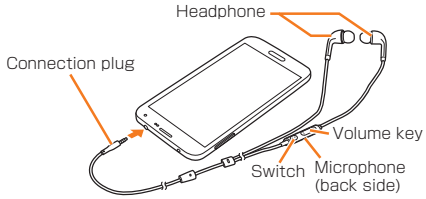
memo

◎For the latest information on accessories, visit the au homepage **(http://www.au.kddi.com/)** or contact the Customer Service Center.
◎Accessories described on this page can be purchased from the au Online Shop.
http://auonlineshop.kddi.com/

Using Stereo Headset with Microphone (sample)

1 Connect the connection plug of the Stereo Headset with Microphone (sample) to the headset connection terminal of the product

Make sure the direction and connect them properly. Attempting to forcibly connect may cause a damage.



Troubleshooting

Before you assume that the product is malfunctioning, check the following:

Symptom	What you should check
Cannot turn on power.	Is the battery pack charged?
	Is the battery pack attached properly?
	Is ▯ pressed and held for over one second?
Cannot charge the battery.	Is the battery pack attached properly?
	Is the specified AC adapter (sold separately) surely plugged into an outlet?
Battery usage time is short.	Do you often use the product in places where ⊘ (out of service area) is displayed?
	Is the battery pack end of its life?
Cannot operate touch panel as intended.	Are you operating with a fingernail or foreign object on the screen?
Cannot operate key/ touch panel.	Is screen lock set?
	Is the power turned on? • Turn off the power and then turn it on again.
Screen response is slow when you tap on the screen/press the keys.	Screen response may slow down when a large amount of data is stored in the product or being transmitted between the product and a microSD memory card.
au IC-card (UIM) error is displayed.	Is au Micro IC Card (LTE) inserted?
Cannot make calls.	Is au Micro IC Card (LTE) inserted?
	Did you enter the correct phone number? (Did you enter the phone number starting with the area code?)
	Is "Airplane mode" set?
	Did you set the correct network mode?
Cannot receive calls.	Is reception good enough?
	Are you out of the service area?
	Is "Airplane mode" set?
	Did you set the correct network mode?
	Is Call forwarding set?
	Is "Auto reject mode" set?
The display is dark.	Is "Power saving mode" /"Ultra power saving mode" set?
Cannot hear the other party.	Is the earpiece volume too low?
	Are you covering the earpiece with your ear? Place your ear hole to the earpiece.
TV pictures are not displayed, pictures stop moving, sound stops working or noise emits.	Is signal of Digital Terrestrial Television Broadcasting strong enough?
	Is broadcasting area correct?
	Is the Samsung 1Seg antenna 01 connected correctly?

Symptom	What you should check
Cannot use Osaifu-Keitai®.	Has the battery run out?
	Is "NFC/Osaifu-Keitai lock" set?
	Do you hold the product so that the mark area is placed over the reader/writer?
Cannot recognize a microSD memory card.	Is a microSD memory card inserted properly?
	Is the microSD memory card unmounted?
Cannot operate when connected as a media device.	Install Samsung Kies or later or Windows Media Player 10 or later to your PC.

If you checked items on Troubleshooting but symptom is not improved, contact the following au Customer Support site of au homepage:

http://www.au.kddi.com/support/mobile/trouble/repair

Updating Software

Notes on software update

- When software update is necessary, you will be informed on au homepage, etc. For details, contact an au shop or Customer Service Center (call toll-free 157). In addition, users of the product will receive a notice from au, when software update is necessary to improve the functionality of the product.
- You are recommended to back up your data before updating software.
- Be sure to fully charge the battery pack before use. Updating software may fail if the battery level is low or becomes low while updating.
- Check the radio wave condition. Updating software may fail in poor reception areas.
- No operations can be made while updating. Calling to 110 (Police), 119 (Fire institution), 118 (Regional Coast Guard Headquarters) is not available, either. Alarm, etc. do not operate.
- If software update has failed or stopped, perform the same again.
- If you fail to update software, it may become impossible to operate the product. If this happens, bring it to an au shop or PiPit (not accepted by some shops).

Downloading and updating software

Update files can be downloaded from the Internet web site via wireless communication into the product directly.

1 On the home screen, [Apps] → [Settings]

2 [About device] → [Software update]

3 [Update now]

From here on, follow the onscreen instructions.

- If the confirmation screen of download appears, tap "OK". If "Wi-Fi settings" is tapped, make connection setting for wireless LAN (Wi-Fi®) function.

memo

◎Data communication charge may be applied for automatic search.

Connecting to a PC for updating software

You can update software via a PC using "Samsung Kies".

After-sales service

When asking for repair

For repair, contact Keitai Guarantee Service Center.

During the warranty period	Repairs will be done based on the terms of services of the free-of-charge repair warranty described on the warranty card.
Outside the warranty period	We shall repair the product for a charge as requested by the customer if repair renders it usable.

memo

◎Before handing in the product for repair, make a backup of the contents of memory since they may disappear during repair. Note that the Company shall not be liable for any damages and loss of income should the contents of memory be altered or lost.
◎Recycled parts that meet the Company's quality standards are sometimes used for repair.
◎Collected au cell phones by Replacement cell phone delivery service which you used before are recycled to cell phones for replacement after repairs. Also replaced parts by au aftersales service are collected and recycled by KDDI. They are not returned to customers.

Performance parts for repair

The Company retains performance parts for repair of the GALAXY S5 main unit and its peripherals for four years after discontinuation of production. "Performance parts for repair" refers to parts required for maintaining the functions of the product.

Warranty card

At the store of purchase, thoroughly check and read the name of the retailer, date of purchase and other necessary details filled in on the warranty card, and be sure to keep it in a safe place.

Keitai Guarantee Service Plus LTE

An after-sales service membership program on a monthly basis called "Keitai Guarantee Service Plus LTE" (monthly fee: 380 yen excluding tax) is available for using your au cell phone for a long time without worries. This service expands coverage for many troubles including malfunction, theft and loss. For details of this service, refer to au homepage or contact Keitai Guarantee Service Center.

memo

◎You can apply for membership only at the time of purchasing your au cell phone.
◎Once you cancel the membership, you cannot reapply for it until you purchase an au cell phone next time.
◎Note that when changing the model or purchasing an extra cell phone, this service only covers the most recently purchased au cell phone.
◎When an au cell phone is handed over to you or someone else, the Keitai Guarantee Service Plus LTE membership is also handed over to the successor of the cell phone.
◎When you get a new au cell phone by changing the model or purchasing an extra cell phone, the "Keitai Guarantee Service Plus"/"Keitai Guarantee Service Plus LTE" membership for the old au cell phone is automatically canceled.
◎Service contents are subject to change without notice.

au Micro IC Card (LTE)

The au Micro IC Card (LTE) is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When malfunction is suspected, or in case of theft or loss, contact an au shop or PiPit.

After-sales service

If you are unsure about anything regarding after-sales service, contact the following service contact.

Customer Service Center

(for service canceling procedure in case of loss or theft)

From a land-line phone, **0077-7-113** (toll-free)

From an au mobile phone, **113** without area code (toll free)

Business hours 24 hours (7 days a week)

Keitai Guarantee Service Center (for loss, theft, damage)

From a land-line phone/From an au cell phone,

0120-925-919 (toll-free)

Business hours 9:00−21:00 (7 days a week)

Online Repair Desk (24 hours a day over the Internet)

https://cs.kddi.com/support/n_login.html

- The Application for the Internet acceptance, if "damage", "wet", "theft" and "loss" are eligible. In the case of spontaneous failure (not the cause damage, such as water wet, but does not power on, the screen does not function or other), it will be accepted by phone for interview is required.
- To apply for the Internet, you need the e-mail address.

au after-sales service information

Services	Keitai Guarantee Service Plus LTE	
	Members	Others
Replacement cell phone delivery service		
Spontaneous failure (1st year)	Free of charge	No recompense
Spontaneous failure (2nd year or later)	Customer charge 1st: 5,000 yen 2nd: 8,000 yen	
Partially damage, water soak, irreparable damage, theft or loss		
Holding over and repair		
Spontaneous failure (1st year)	Free of charge	Free of charge
Spontaneous failure (2nd year or later)	Free of charge (for 3 years)	Actual cost
Partially damage	Customer charge Upper limit: 5,000 yen	
Water soak, irreparable	Customer charge 10,000 yen	
Loss, theft	No recompense	No recompense (model change)

* Charge amounts are all tax excluded.

memo

Replacement cell phone delivery service

◎When you have trouble with your au cell phone, replacement cell phone (same model, same color, including new battery) is delivered to the specified place by calling to.
Return your damaged cell phone within 14 days after replacement cell phone is delivered.

◎Available up to twice in a year from the day you use this service as a start day. If you do not use this service in the past year at the subscription to this service, it will be 1st and if you use, it will be 2nd.

* For details, refer to au homepage.

Holding over and repair

◎Damages and malfunctions intentionally caused by the customer as well as those due to modification (e.g. disassembly, change of parts, painting, etc.) by the customer are not covered by this service.

◎You cannot receive a refund for replacement of the outer casing due to stains, scratches, paint removal, etc. on the outer casing.

Main specifications

Display		Approx. 5.1 inches Approx. 16,000,000 colors (Organic EL)
		1920×1080 dots
Weight		Approx. 147 g (with battery pack attached)
Dimension (W × H × T)		Approx. 73 mm×142 mm×8.3 mm (Thickest part: 9.8 mm)
CPU		MSM8974AC
System memory		Approx. 32 GB
Continuous stand-by time*1	In Japan	Approx. 480 hours: 3G Approx. 450 hours: 4G (LTE)
	Overseas (GSM/UMTS)	Approx. 500 hours
Continuous call time*1	In Japan	Approx. 1170 min.
	Overseas (GSM/UMTS)	Approx. 870 min.
Continuous tethering time		WAN 3G: Approx. 660 min. WAN 4G (LTE): Approx. 570 min.
Maximum number of tethering connection devices		Up to 11 devices (Wi-Fi tethering 10 devices, USB tethering 1 device)
Charging time		Common AC Adapter 05 (sold separately) Approx. 100 min. Desktop Holder (SCL23PUA) Approx 130 min.*2 Common DC adapter 03 (sold separately) Approx. 430 min.
Camera	Image pickup device	CMOS
	Effective pixels	Out-camera: Approx. 16,000,000 pixels In-camera: Approx. 2,100,000 pixels
Wireless LAN (Wi-Fi®)		IEEE802.11a/b/g/n/ac-compliant*3

Bluetooth® function	Version	Bluetooth® standard Ver. 4.0+LE compliant
	Output	Bluetooth® standard Power Class 1
	Communication distance*4	Within 10 m with no obstacles in the range
	Compatible profiles*5	OPP (Object Push Profile) HSP (Headset Profile) HFP (Hands-Free Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile) SPP (Serial Port Profile) PBAP (Phone Book Access Profile) HID (Human Interface Device Profile) PAN (Personal Area Networking Profile) DUN (Dial-up Networking Profile)*6
	Frequency bands	2.4 GHz band (2.402 GHz to 2.480 GHz)
1Seg (Continuous watching time)		Approx. 8 hours 40 min.

*1 The continuous talk time and continuous standby time may drop to less than half depending on the battery charging status, usage environment such as temperature, reception condition at the location where the product is used, and the function settings.
*2 This is an estimate time when connecting the Desktop Holder (SCL23PUA) with the Common AC Adapter 05 (sold separately).
*3 2.4 GHz and 5 GHz are supported for IEEE 802.11n.
*4 Changes according to objects obstructing devices and signal reception.
*5 Specifications provided in Bluetooth® standards for making communication between Bluetooth®-compatible devices in accordance with their intended use.
*6 This application supports part of car navigations. For details, refer to the au homepage.

Specific Absorption Rate (SAR) of cell phones

This model GALAXY S5 mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone has been designed in observance of the Japanese technical regulations regarding exposure to radio waves (*) and limits to exposure to radio waves recommended by equivalent international guidelines. These international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition. The Japanese technical regulations and international guidelines define the limits using a unit of measurement known as the Specific Absorption Rate (SAR), which represents the average amount of radio frequency energy absorbed by the human head. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this model handset when tested for use at the ear is 0.047 W/kg and when worn on the body is 0.068 W/kg. There may be slight differences in SAR levels among individual products, but they all satisfy the limit. The actual SAR of this mobile phone while talking on the phone can be well below that indicated above. This is due to automatic changes in the power level of the mobile phone to ensure it only outputs the minimum power required to communicate with a base station. Therefore in general, the closer you are to a base station, the lower the power output of the mobile phone.

This mobile phone can be used in positions other than against your ear. Use an accessory such as a carrying case, etc. so that you can hold the product at least 1.5 cm away from your body and also do not contain metal parts between the product and your body. By doing this, this mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.
The World Health Organization has stated that present scientific information does not indicate that use of mobile devices has any harmful effects on the human body. They recommend that if you are still worried about your exposure then you can limit your talk time or use a handsfree kit to keep the mobile phone away from your head and body. If you would like to know more detailed information, please refer to the WHO website.
http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm
Please refer to the websites listed below if you would like to know more detailed information regarding SAR.

○ Ministry of Internal Affairs and Communications website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm
○ Association of Radio Industries and Businesses website:
http://www.arib-emf.org/index02.html (in Japanese only)
○ SAMSUNG homepage:
http://www.samsung.com/jp/support/sar/sarMain.do
○ au homepage:
http://www.au.kddi.com/

* Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC RF exposure information

Your handset is a radio transmitter and receiver.

It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset when tested for use at the ear is 0.82 W/kg and when worn on the body, as described in this user guide, is 0.43 W/kg.

Body-worn operation

This device was tested for typical body-worn operations with the back of the handset kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of

http://www.fcc.gov/oet/ea/fccid/ after searching on FCC ID A3LSCL23.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at http://www.ctia.org/.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.319 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide. In this case, the highest tested SAR value is 0.260 W/kg.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

Declaration of Conformity

Product details

For the following

Product: GSM WCDMA LTE BT/WiFi Mobile Phone

Model(s): SCL23

CE 0168 !

Declaration & Applicable standards

We hereby declare, that the product above is in compliance with the essential requirements of the R&TTE Directive (1999/5/EC) by application of:

SAFETY	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011
SAR	EN 50360 : 2001 / A1:2012 EN 50566 : 2013 EN 62209-1 : 2006 EN 62209-2 : 2010 EN 62479 : 2010
EMC	EN 301 489-1 V1.9.2 (09-2011) EN 301 489-17 V2.2.1 (09-2012) EN 301 489-24 V1.5.1 (10-2010) EN 301 489-3 V1.6.1 (08-2013) EN 301 489-7 V1.3.1 (11-2005)
RADIO	EN 300 328 V1.8.1 (06-2012) EN 300 440-1 V1.6.1 (08-2010) EN 300 440-2 V1.4.1 (08-2010) EN 301 511 V9.0.2 (03-2003) EN 301 893 V1.7.1 (06-2012) EN 301 908-1 V5.2.1 (05-2011) EN 301 908-1 V6.2.1 (04-2013) EN 301 908-13 V5.2.1 (05-2011) EN 301 908-2 V5.4.1 (12-2012) EN 301 908-2 V6.2.1 (10-2013) EN 302 291-1 V1.1.1 (07-2005) EN 302 291-2 V1.1.1 (07-2005)

and the Directive (2011/65/EU) on the restriction of the use of certain hazardous substances in electrical and electronic equipment by application of EN 50581:2012.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[Ⅳ] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

TÜV SÜD BABT, Octagon House, Concorde Way, Fareham, Hampshire, PO15 5RL, UK*
Identification mark: 0168

Representative in the EU

Samsung Electronics Euro QA Lab.
Blackbushe Business Park
Saxony Way, Yateley, Hampshire
GU46 6GG, UK

2014.03.24
(Place and date of issue)

Stephen Colclough / EU Representative
(Name and signature of authorized person)

* This is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your product.

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The names of operating systems (Japanese versions) used in this manual are as follows.

- Windows 8 is the abbreviation for Mirosoft® Windows® 8 (Windows 8, Pro, Enterprise).
- Windows 7 is the abbreviation for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise, Ultimate).
- Windows Vista is the abbreviation for Microsoft® Windows Vista® (Home Basic, Home Premium, Business, Enterprise, Ultimate).

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